Construction News

★Denotes work advertised in ENGINEERING NEWS.
✚Denotes contract awarded. The names of bidders awarded contracts are set in CAPITALS.

RAILWAYS—STEAM AND ELECTRIC

Massachusetts—Bay State St. Ry. Co. has asked City Council of Georgetown, Mass., for franchise to relocate its tracks on West Main St. from entrance to York Grove to Boston & Maine R.R. crossing, Georgetown. R. S. Goff, Boston, Vice-Pres. and Gen. Mgr.

Massachusetts—Merrimac Valley Power & Buildings Co. will finance new branch road with freight yards and terminals at Amesbury, to be built by Boston & Maine R.R. A. B. Corthell, Boston, Ch. Engr., Boston & Maine R.R.

✚**Connecticut**—The Connecticut Co. awarded contract for grading for new North End trolley line in Hartford to LATHROP & SHEA, New Haven. Line will extend on Main, Grove, Broad and Washington St., Farmington and Commonwealth Ave.

New York—Brooklyn syndicate considering plans for railway from Catskill to Richfield Springs, via Middleburg.

New York—United Traction Co., Albany, N. Y., has asked City Council for franchise for single-track line on Madison Ave. from Trinity Pl. to Grand St., and on Grand St. to Hamilton St., Albany. James F. Hamilton, Gen. Mgr.

New York—Town Board of Gorham granted franchise to Sodus & Wayne Electric Co. for electric railway through Gorham to Rushville.

Maryland—Idlewylde Park Ry., Baltimore, Md., will soon begin work on one-mile line on Regester Ave. from York Rd. to Idlewylde Park. Road will connect with line of United Rys. & Electric Co. Harry E. Gilbert, 2 East Lexington St., Baltimore, Pres. Noted June 24 and Aug. 12.

West Virginia—Kanawha Valley Traction & Electric Co., Parkersburg, W. Va., will double-track line from Pottery Junction to 12th St. via 19th St. S. D. Camden, Pres. Noted Sept. 2.

West Virginia—Surveys begun for proposed electric railway from Fayette Station, Fayetteville, W. Va., to Oak Hill and Beckley, 35 miles. H. G. Scott, Gen. Mgr., Virginian Power Co., Charleston, W. Va., is interested.

West Virginia—Pond Fork Ry., incorporated at Huntington with $26,000 capital, will build line from Madison, W. Va., up Pond Fork of Coal River to headwaters of Pond Fork, about 25 miles. R. M. Baker and H. Fitzpatrick, interested.

North Carolina—Graham County Lumber Co. offered to build standard-gage railway from Topton, N. C., on the Southern Ry. to Robbinsville, N. C., about 10 miles, if Graham County will pay $50,000; total cost, about $150,000. County will vote on bonds Oct. 12.

North Carolina—Kinston, Carolina R.R. & Lumber Co. will build extension of its line to Chinquapin, eight miles, or to Maple Hill, about 20 miles. C. I. Millar, Norfolk, Va., Pres.

North Carolina—Reported that Southern Ry. will build additional yard tracks and sidings at Durham, N. C. B. Herman, Washington, D. C., Ch. Engr.

✚**South Carolina**—Contracts reported awarded by Charleston Southern R.R., as follows: GADSDEN CONTRACTING CO., Savannah, Ga., 10 miles near Savannah; L. S. WOOD, Gaffney, S. C., contract near Charleston; M. SCHLITZ, Charlotte, 12 miles south; W. Z. WILLIAMS & CO., Macon, Ga., filling in temporary trestles for two miles, south of Ashepoo River, and two miles, north of Edisto River. W. R. Bonsal, People's Office Bldg., Charleston, Pres.

✚**Louisiana**—Krause & Managan Lumber Co., Westlake, La., awarded contract to W. J. CHASTAIN, Lake Charles, for 3½ miles tram road and two miles of spur tracks on timber land at Gillis. Noted Sept. 16.

Tennessee—Nashville, Chattanooga & St. Louis Ry. will build a belt line at Shelbyville to include the Sylvan Mills, Riverside Mills and Valley Cotton Mills. H. McDonald, Nashville, Ch. Engr.

Ohio—Reported that Dover, Millersburg & Western Electric Ry. will soon begin work on line from Canal Dover to Millersburg, via Sugar Creek, about 25 miles. F. F. Phillips, Canal Dover, interested.

Ohio—Cleveland, Painesville & Eastern R.R. Co., Willoughby, Ohio, will rebuild 2½ miles of track. Has purchased from Lackawanna Steel Co., 500 tons 70-lb. rail, 300 tons for immediate delivery.

Ohio—Youngstown & Southern Ry. Co., Youngstown, Ohio, asked permission of City Council to double-track its line from South Ave. to station on Front St. A. W. Hartford, Youngstown, Gen. Mgr.

Illinois—Elgin & Belvidere Co. contemplates extending its line to Rockford. Hamilton Browne, Chicago, Pres.

Illinois—Chicago & North Western Ry. will build four-track roadbed from Chicago to Sterling, or possibly as far as Mississippi River. W. H. Finley, Chicago, Ch. Engr.

Iowa—Surveys completed by Keokuk-Jefferson City Electric Ry. Co. for its line from Keokuk to Jefferson City. Right-of-way secured as far as Shelbyville. H. W. Knight, Chicago, interested.

Kansas—Plans being prepared for railway through Hutchinson, Reno County and the Huntsville district. City of Hutchinson will vote $100,000 terminal aid bonds. O. P. Byers, Hutchinson, Pres., Anthony & Northern Ry., interested.

✚**Missouri**—Metropolitan St. Ry. Co., Kansas City, Mo., awarded contract for extensions to its lines to COLUMBIA CONSTRUCTION CO., Milwaukee, Wis. Noted Aug. 19.

Arkansas—Reported that St. Louis, Iron Mountain & Southern Ry. (Missouri Pacific System) will spend $40,000 for improvements and repairs between Bergman and Diaz, Ark. E. A. Hadley, St. Louis, Mo., Ch. Engr.

Texas—Surveys begun for interurban line from Houston to Richmond. It is also proposed to extend the line eventually to San Antonio via Gonzales. Edward Kennedy, Houston, interested.

Texas—Southwestern Power, Light & Ry. Co., organized with $12,000,000 capital, will build an interurban line from Denison, Tex., to Oklahoma, Okla., about 150 miles. Power to be furnished by hydro-electric plants built by the company in southern Oklahoma. W. R. Croslen, Denison, Tex., Pres.

Oklahoma—Ft. Smith & Western R.R. secured entrance into Oklahoma City from Ft. Smith by way of Missouri, Kansas & Texas Lines. A. L. Smith, Ft. Smith, Ark., Gen. Engr.

Oklahoma—Mt. Carmel Development Co., Chickasha, Okla., capital stock, $50,000, plans a railway in Leflore County, to coal mines. F. L. Mercer, 301 North Sixth St., Chickasha, interested.

Washington—Federal Light & Traction Co., New York, N. Y., operating urban and interurban lines in Hoquiam and Aberdeen, Wash., contemplates electric line between Willapa Harbor and Grays Harbor. Estimated cost, $1,000,000. Lee Skipwith, New York, N. Y., Pur. Agt.

California—City Trustees granted franchise to Pacific Gas & Electric Co. for extensions on T St., Upper Stockton Rd., Lower Stockton Rd., Cypress Ave., Curtis Ave., Whiskey Hill Rd., Palmetto, Fifth and East Ave., Sacramento. John W. Britton, Gen. Mgr.

California—Southern Pacific Co. applied to Railroad Commission for authority to build spur track at grade across 11th and 12th St., Sacramento, and a team track at grade across F St., Galt, Sacramento County. W. H. Hood, San Francisco, Ch. Engr.

Quebec—Reported that City Council, Quebec, Que., considering steps to compel Quebec Ry., Light & Power Co. to extend its lines in Limoilou, Beauport and Charlesbourg. H. G. Matthews, Quebec, Gen. Mgr.

Ontario—Ontario Railway Board approved plans of Toronto Ry. Co. for extension of its lines along Yonge St. from present northerly terminus to a point near Farnham Ave. R. J. Young, Toronto, Gen. Mgr.

LIGHT, HEAT AND POWER

✚**Milford, N. H.**—Milford Electric Light & Power Co. secured right-of-way for transmission line from Milford to Townsend, Mass., to connect with main line. Contract for line awarded to FREDERICK T. LEY & CO., Springfield, Mass.

Enosburg Falls, Vt.—Electric Light Commissioners will install electric-light system to replace gas lamps now in use. W. J. Redmond, Chn., Comrs.

Buffalo, N. Y.—Delaware, Lackawanna & Western R.R. will build one-story substation at 60 Ohio St., Buffalo. Cost, $8,000.

New York, N. Y.—(Borough of Queens)—Interborough Rapid Transit Co. purchased site on Jackson Ave. near Barn St., Long Island City, for new substation. Estimated cost, $40,000. George H. Pegram, 165 Broadway, New York, Ch. Engr.

New York, N. Y.—(Borough of Queens)—Plans being prepared by New York & Queens Electric & Power Co., Long Island City, for new substation in one of its districts. Work will not begin before next year. Company will also equip about two miles of subway, and requires equipment to provide for 3,000 additional street-lamps. C. G. M. Thomas, Pres.

Starkey, N. Y.—Town granted franchise to E. L. Bailey, owner of Dundee electric-light plant, to furnish electricity in Starkey, and extend service to Lakemont.

Camden, N. J.—C. B. Coles & Co. will build new power plant at its woodworking factory. Equipment will include boilers, engines, generators and auxiliaries.

Flemington, N. J.—Reported that Pennsylvania R.R. contemplates a power plant in connection with the electrification of Flemington-Lambertville line.

Lyndhurst, N. J.—New York Telephone Co. granted 50-year franchise for underground conduit system in certain streets of Lyndhurst.

Newark, N. J.—National Lock Washer Co. will build one-story steel boiler house at its plant on Johnson St.

Paterson, N. J.—Board of estimate appropriated $5,686 for electric-light and power plant in High School building. Equipment will consist of two 135-kw. units.

Perth Amboy, N. J.—The Chesebrough Mfg. Co., manufacturer of vaseline products, will build a pump house at its plant.

Girardville, Penn.—Girardville Gas Co. will soon award contracts for gas plant to be located either in Lansford or Coaldale, to supply surrounding sections. Estimated cost, $600,000.

Baconton, Ga.—Bonds for $12,000 voted for electric-light plant and water-works system.

Madisonville, Tenn.—Town granted franchise to M. C. King and associates, Copperhill, Tenn., for electric-light system in Madisonville.

Athens, Ohio—Athens Electric Co. contemplates rebuilding entire distribution system, and extending new transmission lines throughout the city. Page C. Morris, Vice-Pres. and Gen. Mgr.

Dayton, Ohio—Reported plans under way for hydro-electric plant at Woodsdale to supply electricity to large section of southern Ohio.

Green Camp, Ohio—Village will build 4-mile transmission line and install street-lighting system. H. O. Fisher, Toledo, Engr.

Monroe, Ind.—Reported that Town Board rejected all bids for 6-mile transmission line from Columbia City to Monroe. Bids to be readvertised.

Wakarusa, Ind.—Public Service Commission authorized Hawks Electric Co., Goshen, Ind., to purchase plant of Home Electric Co., Wakarusa, for $10,000. A transmission line from Goshen to Bremen will be built by Hawks Co.

Cheboygan, Mich.—Cheboygan Electric Light & Power Co. will install 250-hp. auxiliary plant adjoining gas plant for emergency use and in low-water periods. F. B. Spencer, Secy. and Mgr.

Detroit, Mich.—Reported Hudson Motor Car Co. purchased site for new power plant and engine room.

✚**Iron Mountain, Mich.**—Peninsular Power Co. will enlarge and improve its power plant at cost of $50,000. Contract for 2,200-kw. generator awarded to WESTINGHOUSE ELECTRIC & MFG. CO., Pittsburgh, Penn.

Kalamazoo, Mich.—Citizens voted against bond issue of $350,000 for enlargement and improvement of municipal electric-light plant. Noted Sept. 2 and 9.

✚**Elizabeth, Ill.**—Elizabeth Light & Power Co. awarded contract for three miles transmission line, substation and distribution system to T. G. HAMILTON, Laporte, Ind., at $5,575. Noted Sept. 9.

Chariton, Iowa—Union Service Co., Chariton, granted franchises by towns of Lucas and Woodburn to supply electricity in both towns. Energy to be furnished from Chariton. Reported that company will build new plant in Chariton.

Luverne, Iowa—(Official)—Bids will be received until 6 p.m., Oct. 6, by R. E. Cook, Town Clk., for eight miles transmission line, substation and distribution system. Raasch & Brooks, Ft. Dodge, Engr

✚**Sergeant Bluff, Iowa**—Town Board has awarded contract for three miles 11,000-volt, single-phase transmission line from Sioux City, and for street-lighting system to A. J. WESTFALL, 608 U. S. Bldg., Sioux City, at $5,934. Noted Aug. 19.

Wall Lake, Iowa—Bonds for $7,500 voted for transmission line from Lake View and distribution system in Wall Lake. Energy will be purchased from Sac City Electric Co.

✚**Hallock, Minn.**—Village Board awarded contract for power plant, pole line and street-lighting system to J. G. ROBERTSON, St. Paul, at $17,750.

Hanska, Minn.—Village Board granted franchise to Madelia Electric Co., Madelia, to supply electric current to Hanska.

✚**Nashwauk, Minn.**—Contract awarded to HUGH FAWCETT, Duluth, at about $10,000 for power house at Crosby Mine at this point.

Attica, Kan.—Town voted $30,000 bonds for electric-light and water-works system in Attica. Noted July 29.

Havensville, Kan.—Town will vote for bond issue of $8,000 for electric-light plant in Havensville, and for building transmission line from Centralia.

Ord, Neb.—Reported bids will be received until Oct. 1 by John C. Work, Mayor, for electric-light plant. Estimated cost, $22,700.

Tower, N. D.—City Council contemplates electric-light plant.

✚**Seguin, Tex.**—Seguin Electric Light & Power Co. awarded contract for two waterwheels, headhouses, 187-kw. generator and switchboards to WALTER TIPS CO., Austin, at $9,797.

Grove, Okla.—City Council considering plans for improving electric-light plant and water-works system. Estimated cost, $10,000.

Soper, Okla.—Bonds for $6,000 voted for electric-light plant. Reported bids will soon be asked.

Ft. Collins, Colo.—Reported that bids being received for power house at State Agricultural College, Ft. Collins. Cost, about $20,000. Fisher & Fisher, Century Bldg., Denver, is Arch.

Republic, Wash.—F. R. Clark will build transmission line from Republic to Danville to connect with power line from Bennington Falls near Danville. Energy will be furnished to operate local mines and stamp mills.

Liverpool, N. S.—Reported bids will soon be received for improvements to municipal electric-light plant. Estimated cost, $15,000. T. R. Bartling, Town Engr.

Toronto, Ont.—Hydro-Electric Power Commission of Ontario decided to construct 60 miles transmission lines as follows: Chatham to Petrolia, thence to Oil City, 24 miles; Granton to Kirkton, thence to Exeter, 25 miles; Lucan to Ailsa Craig, 10 miles. W. W. Pope, Toronto, Secy. Com.

BRIDGES

Augusta, Maine—Bids will be received until 11 a.m., Sept. 29, by State Highway Commission for two concrete abutments at Mattawamkeag River in Haynesville, one at Fish River and two at Higgins Brook in Town of Harmony; bids received at same time for 18,600 ft. b.m. plank on steel bridge in Medway.

Nashua, N. H.—(Official)—Plans being prepared for reinforced-concrete bridge over Pennichuck Brook between Nashua and Merrimack, N. H. George P. Winn, City Engr. Noted Aug. 19.

Providence, R. I.—Bids will be received until 2:[illegible] p.m., Sept. 27, by Department of Public Works for steelwork of Randall St. Bridge. Noted Sept. 9.

Woonsocket, R. I.—Plans prepared by F. A. Mills, City Engr., were accepted for three bridges, one 170 ft. long, one 110 ft. and the third 55 ft. long, all of reinforced-concrete. Bids will soon be asked. Noted Aug. 26.

✚✚**Bridgeport, Conn.**—Stratford Ave. Bridge Commission awarded contract for approaches and superstructure of bridge to HOLBROOK, CABOT & ROLLINS, Boston, at $[illegible]; bascule span, Strauss type, awarded to EMPIRE CONSTRUCTION CO., New York, N. Y., at $109,265. Noted Aug. 19.

Albany, N. Y.—(Official)—Lowest bid received by State Department of Public Works for substructure, superstructure and approaches of Gorham St. Bridge, Waterloo, was that of Scott Bros., Rome, N. Y., at $59,928. Contract not awarded. Noted Aug. 19.

✚**Buffalo, N. Y.**—(Official)—Common Council awarded contract for rebuilding Chicago St. Viaduct, to be completed in six months, to STROBEL STEEL CONSTRUCTION CO., Chicago, at $184,700. Noted June 24 and Sept. 16.

✚**Buffalo, N. Y.**—Grade Crossing Commission, 436 Ellicott Sq., awarded contract for 162-ft. bridge over tracks of the Pennsylvania R.R. on Bailey Ave. to EASTERN CONCRETE STEEL CO., D. S. Morgan Bldg., Buffalo, at $46,272. Noted Sept. 9.

Groveland, N. Y.—Town Boards of Groveland and Sparta voted to spend $4,500 for three concrete bridges between Groveland Station and Dansville-Mt. Morris State Highway.

Rochester, N. Y.—Driving Park Ave. Bridge will be paved with wood block. Herbert W. Pierce is Comr. of Pub. Wks.

Camden, N. J.—City Council and Board of Chosen Freeholders of Camden County are considering lift bridge at State St., in connection with deepening of Cooper River. Span of about 70 ft. proposed.

Freehold, N. J.—Bids will be received until 11 a.m., Oct. 6, by Board of Chosen Freeholders of Monmouth County for bridge on road from Freehold to Hightstown. George D. Cooper, County Engr.

✚**Hackensack, N. J.**—Contract for bridge on Hopper Ave. between Westwood and Park Ridge, awarded by Board of Chosen Freeholders to CHARLES FIGINI, Lodi, N. J., at $6,600.

Matawan, N. J.—Lowest bid received by Board of Chosen Freeholders of Monmouth County for Strauss trunnion bascule bridge over Matawan Creek on South Amboy-Keyport Rd. was that of Long-Broadhurst Co., Hackensack, at $34,320. Noted Aug. 19.

✚**New Brunswick, N. J.**—Board of Chosen Freeholders of Middlesex County awarded contract for reinforced-concrete bridge over Ambrose Brook, Piscataway Township, to WILSON CONCRETE CO., Plainfield.

Perth Amboy, N. J.—Bids will be received until 2:30 p.m., Sept. 27, by A. J. Gebhardt, Dir., Bd. of Chosen Freeholders of Middlesex County, New Brunswick, for reinforced-concrete slab bridge on Brace Ave., Perth Amboy. Alvin B. Fox, Perth Amboy, County Engr.

Harrisburg, Penn.—Bids will be received until 10 a.m., Sept. 30, by Robert J. Cunningham, State Highway Comr., for 50-ft. steel bridge in Butler County, and three concrete bridges in Elk County, two of 12 ft. each, and one of 24 ft.

Lewistown, Penn.—Bids will be received until Oct. 8 by Commissioners of Mifflin County for bridge over Kishacoquilla Creek on Dorcas St. extension. Dr. W. M. Baker is Comr.

✚✚**Media, Penn.**—(Official)—Commissioners of Delaware County awarded contract for bridge on Glenolden Ave. over Muckinapatus Creek to WILLIAMS CONSTRUCTION CO., Chester, at $6,600. Noted Aug. 26.

Phoenixville, Penn.—(Official)—Bids will be received until 11 a.m., Sept. 30, by Commissioners of Montgomery County, Norristown, for concrete arch over Schuylkill River between Phoenixville and Mont Clare. John N. Jacobs, Norristown, County Controller.

Sharon, Penn.—Bids will be received until 1:30 p.m., Oct. 5, by Commissioners of Mercer County, Mercer, for either concrete or steel bridge across Shenango River at State St., Sharon. Noted July 29.

✚**Wilmington, Del.**—Baltimore & Ohio R.R. Co. awarded contract for substructure of bridge to carry Lancaster Ave. across its tracks to JAMES F. BROGAN CO., Philadelphia, Penn.; superstructure awarded to KING BRIDGE CO., Cleveland, Ohio. Bridge to be of steel, 60 ft. wide.

Mt. Washington, Md.—Pennsylvania R.R. will build iron girder bridge over Jones Falls, near Mt. Washington. Work will be done by company forces. A. C. Shand, Philadelphia, Penn., Ch. Engr.

✚**Berkeley Springs, W. Va.**—(Official)—County Court of Morgan County awarded contract for bridge across Sleepy Creek to CONCRETE STEEL BRIDGE CO., Clarksburg, W. Va., at $4,968. Noted Aug. 26.

✚**Huntington, W. Va.**—Commissioners of Cabell County awarded contract for bridge over Fudges Creek in Grant District to A. T. THOMPSON, at $9,101.

Keyser, W. Va.—(Official)—Bids will be received until Sept. 27 (extension of date from Sept. 14), by J. V. Bell, Clk. of Mineral County, for two reinforced-concrete bridges, 30-ft. span over Georges Run, and 50-ft. span over Beaver Run. Noted Sept. 2.

Williamson, W. Va.—City contemplates bridge across Tug River to open new road from West Virginia to Kentucky. Estimated cost, $14,450. A. C. Pinson, Mayor.

✚**Springfield, Ga.**—Commissioners of Effingham and Bulloch Counties awarded contract for steel bridge over Ogeechee River between the two counties to EASTERLING & EASTERLING, Daisy, Ga., at $5,790. Noted Aug. 5.

Arcadia, Fla.—(Official)—Plans will not be completed for several months for bridge over Kissimmee River near Arcadia, as it is county line structure, and arrangements must be made with adjoining county. A. L. Durrance, County Clk., De Soto County. Noted Sept. 9.

✚Titusville, Fla.—Commissioners of Brevard County awarded contract for 112-ft. concrete bridge over Crane Creek to CHAMPION BRIDGE CO., Wilmington, Ohio, at $10,500.

Meridian, Miss.—Bids will be received until Oct. 4 by Supervisors of Lauderdale County for 75-ft. steel bridge over Okatibeha Creek at Mayerhoff Switch on New Orleans & Northeastern R.R. W. R. Pistole, Chancery Clk.

Oberlin, La.—Reported that Ward Five, Allen Parish, will soon select engineer for 1,600-ft. light steel bridge across Calcasieu River, and a number of smal steel or concrete bridges. S. M. Lee, Member Parish Police Jury. Noted Aug. 26.

Cleveland, Ohio—Bids will be received until 11 a.m., Oct. 9, by E. G. Krause, Clk. of Cuyahoga County Comrs., for bridge work, Report 3,587. W. A. Stinchcomb, County Engr.

✚Marion, Ohio—Commissioners of Marion County awarded bridge contracts as follows: Clark Bridge in Montgomery Township, to CENTRAL CONCRETE & CONSTRUCTION CO., Canton, $6,500; Roberts Bridge in Claridon Township, to MODERN CONSTRUCTION CO., Fremont, $4,800; Tymochtee Bridge, to CHAMPION BRIDGE CO., Wilmington, $2,500. Noted Aug. 26.

Milford, Ohio—(Official)—Bids will be received until noon, Oct. 4, by Cleona Searles, Audr. of Clermont County, Batavia, for raising and repairing abutments, and building steel superstructure and flooring of bridge over East Fork of Little Miami River, Union and Miami Townships. Bids will be received at same time for $10,000 bonds to pay for this work. Noted Sept. 9.

Steubenville, Ohio—Bids will be received until Oct. 15 by Commissioners of Jefferson County for steel superstructure of bridge in Smithfield Township, and reinforced-concrete bridge on State Rd. in Springfield Township.

Xenia, Ohio—Bids will be received until 11 a.m., Oct. 1, by Commissioners of Greene County for new steel bridge, and for laying creosote or other block floor on two other bridges.

Anderson, Ind.—Commissioners of Madison County having plans prepared for repair and extension of Main St. Bridge. Two additional 90-ft. steel spans, reinforced-concrete piers and abutments required. Estimated cost, $9,000. W. O. McVaugh, County Surv.

Crown Point, Ind.—Bids will be received until 10 a.m., Oct. 10, by Edward Simon, Audr., Lake County, for pony truss bridge over Hart Ditch, Brown St., Munster.

Crown Point, Ind.—Bids will be received until 10 a.m., Oct. 28, by Edward Simon, Audr., Lake County, for sale of $116,000 bridge bonds, for bridges in Dyer and Hammond, Ind.

Frankfort, Ind.—(Official)—Bids will be received until 2 p.m., Oct. 4, by Commissioners of Clinton County for repairing the Rice Bridge on Frankfort and Middlefork Rd. Edward Spray, County Audr.

✚Joliet, Ill.—(Official)—Chicago, Ottawa & Peoria Ry. awarded contract for two new bridges to JOLIET BRIDGE & IRON CO., Joliet. Noted Aug. 26.

Burlington, Iowa—City of Burlington and private corporation considering bridge over Mississippi River. Plans not yet started. Estimated cost, $2900,000. H. G. Vollmer, City Engr.

Keosauqua, Iowa—Bids will be reecived until Sept. 29 by Board of Supervisors of Van Buren County for 80-ft. steel pony truss bridge, concrete floor and abutments, and 40-ft. steel pony truss bridge, concrete floor on old abutments; both to have 16-ft. roadways.

✚Austin, Minn.—Commissioners of Mower County awarded contract for six county bridges to HENNEPIN BRIDGE CO., Minneapolis, at $10,487. Noted Aug. 19.

✚Carlton, Minn.—Commissioners of Carlton County awarded contract for county bridges to HEWITT BRIDGE CO.

✚Faribault, Minn.—Contract for bridge over Crocker Creek on Seventh St., awarded to JOHN THONET.

✚Houston, Minn.—Contract for bridge over Badger Creek awarded to OLE HOGANSON, Houston.

✚International Falls, Minn.—Contracts awarded for bridge across Sturgeon River and one over Bear River to IOWA BRIDGE CO., and PLYMOUTH BRIDGE CO., Minneapolis, respectively.

Preston, Minn.—Bids will be received until 2 p.m., Sept. 27, by J. Dunford, Audr. of Fillmore County, for five county bridges.

New Ulm, Minn.—Bids will be received until 2 p.m., Sept. 28, by Commissioners of Brown County for abutment and wings to Cobden Bridge over Big Cottonwood River, about four miles south of Cobden. Louis G. Vogel, County Audr.

✚Wacouta, Minn.—(Red Wing post office)—Contract for steel bridge across Bullards' Creek, Wacouta, awarded to HEWITT BRIDGE BUILDING CO., Minneapolis.

✚Alma, Kan.—Commissioners of Wabaunee County awarded contract for three bridges to J. A. JOHNSON, Junction City, at $5,800.

Manhattan, Kan.—Bids will be received until Oct. 6 by County Clerk of Riley County for 10 reinforced-concrete bridges, and repairing or replacing several steel bridges. W. S. Gearhart, Manhattan, State Engr.

✚Mankato, Kan.—(Official)—County Commissioners awarded contracts for bridge work as follows: LEAVENWORTH BRIDGE CO., one new bridge, 11 repair jobs; WESTERN BRIDGE CO., one new bridge and 11 repair jobs; JOHN BLISS, one new bridge. Noted Aug. 26.

Bismarck, N. D.—Bids will be received until noon, Oct. 5, by F. E. Flaherty, Audr. of Burleigh County, for concrete culverts on section line south of Wing.

Manning, N. D.—Bids will be received until 2 p.m., Oct. 4, by C. H. Gutmann, Audr. of Dunn County, for steel truss bridge between Dunn and Stark Counties.

✚Dillon, Mont.—(Official)—Commissioners of Beaverhead County awarded contract for two steel bridges, one 170-ft. and one 42-ft. span, to O. E. PEPPARD, Missoula, at $8,980. Noted Aug. 26.

Gallatin, Mo.—(Official)—Bids will not be asked for rebuilding Daviess County bridges destroyed by recent floods. B. H. Tarwater, County Clk. Noted Sept. 9.

Warrensburg, Mo.—David Mohler, County Engr. of Johnston County, preparing plans for steel bridge. Bids probably asked about Dec. 1. Theodore Hyatt, County Clk.

Lewisville, Ark.—Hugh R. Carter, State Highway Engr., Little Rock, prepared plans for 240-ft. steel bridge across Bodcaw Creek near Lewisville.

Marion, Ark.—Crittenden County Commissioners considering plans for viaduct from approaches of Harahan Bridge, now under construction, to levee, a distance of two miles. Proposed structure to be 16 ft. above ground and 24 ft. wide. Estimated cost, $350,000.

Cleburne, Tex.—City Council contemplates bridge over West Buffalo Creek on Poindexter Ave. It will be concrete, 120 ft. long.

Denison, Tex.—Citizens voted $50,000 bonds at recent election for viaduct over shops and yards of Missouri, Kansas & Texas Ry. Co.

Galveston, Tex.—Reported that Southern Pacific Co., Missouri, Kansas & Texas; Gulf, Colorado & Santa Fé and Galveston, Houston & Henderson Rys., will build jointly, 1,000-ft. addition to the reinforced-concrete archway of the causeway across Galveston Bay. Estimated cost, $1,500,000. A. T. Dickey, City Engr.

✚Laredo, Tex.—(Official)—City Council awarded contract for one 85-ft. and one 188-ft. reinforced-concrete bridge to RANNEY CO., San Antonio, at $15,000. Noted Sept. 9.

Minco, Okla.—Commissioners of Grady County, Chickasha, and Canadian County, El Reno, contemplate bridge across Canadian River four miles from Minco. Estimated cost, $45,000 to $50,000, to be divided between two counties. H. A. Cranwell, Chickasha, County Engr. of Grady County.

Las Vegas, N. M.—Bids will be received until 10 a.m., Sept. 30, by Fidel Ortiz, Chn., Comrs. of San Miguel County, for grading and paving bridge over Gallinas River at foot of Bridge St., Las Vegas. George E. Morrison, County Engr.

Aberdeen, Wash.—Bids were received by the City Council Sept. 8 for West Toll Bridge over Chehalis River from: J. R. Wood, 621 Valley St., Seattle, $20,729; Coast Bridge Co., Portland, Ore., $21,218. Noted Aug. 12 and 26.

Hooper, Wash.—The Oregon-Washington R.R. & Navigation Co. has plans for 210-ft., three-span steel bridge over Palouse River near Hooper. S. Murray, Portland, Ore., is Bridge Engr.

Riverside, Wash.—All bids received Sept. 8 for steel bridge over Okanogan River rejected. Reported new bids will be received about Oct. 10 by Commissioners of Okanogan County, Conconully.

Madera, Calif.—Reported that city voted $12,000 bonds for new concrete bridge across Fresno River.

Stockton, Calif.—Supervisors of San Joaquin County contemplate bridge work as follows: Trestle at Woodbridge, $5,400; Lockeford Trestle, $17,500; bridge on Jack Tone Rd., $10,000; on Eight Mile Lane, $2,000; Leonard Rd. Bridge, $4,000; repairing bridges, $1,500; painting steel bridges, $6,000; replacing miscellaneous wooden bridges and culverts, $10,000.

Windsor, Ont.—City Council approved plans for $45,000 bridge on Wyandotte St. over tracks of the Michigan Central R.R. Dominion Ry. Board will be asked to authorize the work.

✚Manitou, Man.—Contract for steel cantilever bridge over Nelson River at Manitou Rapids, awarded to J. D. McARTHUR CO., 501 McArthur Bldg., Winnipeg, at $175,000. Subcontracts awarded to CONTRACTORS, LTD., The Pas, for substructure, and to CANADIAN CO., Walkerville, Ont., for steel for superstructure.

WATER SUPPLY—IRRIGATION

✚Boston, Mass.—(Official)—Contract for laying water mains in streets in East Boston awarded HENRY SPINACH CONTRACTING CO., Boston, at $7,381. Noted Sept. 2.

Boston, Mass.—(Official)—Bids will be received by the Metropolitan Water and Sewage Board, 1 Ashburton Pl., until 1:30 p.m., Sept. 27, for surface water drains at Spot Pond, Stoneham.

Cambridge, Mass.—Plans being prepared for a municipal filtration plant. George A. Johnson, Boston, Engr.

Pittsfield, Mass.—It has been recommended to City Council to adopt order to provide $10,000 for extension of water system.

✚Westbury, N. Y.—Contract for water district in Carle Pl. awarded to WILLIAM G. FRITZ CO., at $25,554. Noted Sept. 16.

✚Bordentown, N. J.—Contract for water distributing system in Crosswicks Creek section awarded A. A. KAFER, JR.

Clinton, N. J.—Bids will be received until 1 p.m., Oct. 1, by Board of Managers, Reformatory for Women, for extension of water system.

Collingswood, N. J.—(Official)—Proposition for water system rejected by citizens. Noted Sept. 16.

East Orange, N. J.—W. G. Sharwell Co., Newark, at $109,638, submitted lowest bid for superstructure of Doremus Ave. pumping plant.

✚Woodbury, N. J.—Council awarded contract for pumping station to THOMPSON ALLEN, Woodbury.

Contesville, Penn.—Bids will be received by Borough Council until Oct. 7 for high-pressure system. A. Potter, 50 Church St., New York, N. Y., Engr.

★**Clarksburg, W. Va.**—(Official)—Bids will be received until noon, Oct. 21, by Water-Works and Sewage Board for installing two gas engines and two pumps at pumping station. S. G. Highland, Secy.

★**Lumberton, N. C.**—(Official)—Bids will be received until Oct. 12 by E. White, Mayor, for installation of a filtration plant at municipal water system. Noted Aug. 19 and Sept. 2.

Wilson, N. C.—City engaged Anderson & Christie, Engr., Charlotte, to prepare plans for water system. Noted Sept. 16.

Columbus, S. C.—Citizens will vote Oct. 5 to issue $300,000 bonds for water system.

Spartanburg, S. C.—City plans to expend $25,000 to improve pumping station.

Pass Christian, Miss.—Election will be held to vote on issuing $40,000 to $50,000 bonds. Part of proceeds will be used for water system. Noted Sept. 2.

Lockport, La.—City contemplates water system.

Shreveport, La.—City Commission offered to buy plant of water company for $750,000. If offer is not accepted proposition for municipal water system will be submitted to voters. Bonds for $1,200,000 are available for this purpose.

Elizabethtown, Ky.—City plans to hold an election to vote on issuing bonds for filter. Estimated cost, $7,000 to $10,000.

★**East Liverpool, Ohio**—Bids will be received by E. J. Smith, Dir. Pub. Ser., until noon, Sept. 25, for 6,000,000-gal. filter plant, pumping station, pumps, boilers, force mains, stand pipe and appurtenances. Chester & Fleming, Pittsburgh, Penn., Engr.

East Youngstown, Ohio—City contemplates water system. Estimated cost, $165,000.

Glendale, Ohio—Election will be held to vote on issuing $8,500 bonds for water system.

✚**Maumee, Ohio**—Contracts for water system awarded T. C. BROOKS & SONS, Jackson, Mich., at $49,753.

Mt. Blanchard, Ohio—State Board of Health, Columbus, approved plans for a water system.

Salem, Ohio—(Official)—W. J. Sherman Co., Consult. Engr., 613 The Nasby, Toledo, retained to conduct investigations and make recommendations as to cost of development of increased water supply for city.

✚**West Park, Ohio**—(Official)—Contract for water mains awarded WILHELMI CONSTRUCTION CO., Cleveland, at $9,220. Noted Sept. 2.

Fairbury, Ill.—(Official)—Bids will be received about Oct. 1 for well at water works. T. W. Burns, Supt. Water Wks. Noted Sept. 2.

✚**Quincy, Ill.**—Board of Supervisors, Fabius River Drainage District, awarded contract for pumping station and equipment to PURDY & HENDERSON and UNITED ENGINEERING CO. Estimated cost, $60,000.

✚**Silvis, Ill.**—Contract for reservoir awarded CONRAD SCHAD.

✚**Villa Grove, Ill.**—Contract for water system awarded J. M. DONAHUE, Stevens Point, Wis., at $32,285.

Hayward, Wis.—City Council contemplates filtration plant. Estimated cost, $4,000.

✚**Jefferson, Wis.**—Contract for two steel tainter gates and three concrete piers awarded NORTHWESTERN BRIDGE & IRON CO., Milwaukee, at $4,000. Noted Aug. 19.

Madison, Wis.—City plans to improve water system.

✚**Battle Creek, Iowa**—Contract for improving water system awarded DES MOINES BRIDGE & IRON CO., Des Moines, at $5,000.

Gilmore City, Iowa—City plans to extend water main to Campbell addition.

Holstein, Iowa—Election will be held Oct. 7 to vote on issuing $18,000 bonds for water system.

Lehigh, Iowa—City contemplates new water main across river or repairing old one.

Luverne, Iowa—Bids will be received until Oct. 6 by R. E. Cook, Town Clk., for water system.

Campbell, Minn.—Bids will be received by Herman Reyelts, Village Clerk, until 8 p.m., Sept. 28, for 2,000 ft .of 6-in. and 4,500 ft. of 4-in. water main.

Carlton, Minn.—City contemplates water system. Estimated cost, $16,000.

Proctor, Minn.—Proctor Water & Light Co. granted franchise for water system.

Emporia, Kan.—City contemplates filtration plant.

Ft. Scott, Kan.—City plans to improve water system, including rapid sand filtration plant. Citizens voted $50,000 bonds for this purpose.

Bayard, Neb.—Bids will be received about Jan. 1 for water system. Estimated cost, $12,500. Finley & Selzer, Scotts Bluff, Engr.

✚**Veblen, S. D.**—Contract for water system awarded TANNER BROS., at $25,000. Noted July 29.

Fargo, N. D.—Bids will be received by A. R. Watkins, City Audr., until 10 a.m., Sept. 29, for 1,160 ft. of 6-in. water main.

Minot, N. D.—Bids will be received until Oct. 4 by City Council for two miles of water mains. Estimated cost, $19,253. E. J. Thomas, City Engr.

Chinook, Mont.—Election will be held Nov. 8 to vote on issue of $10,000 bonds for filtration plant.

✚**Eureka, Mont.**—Contract for Glen Lake Irrigation Project awarded C. H. KELLEY, Eureka, at $122,500.

Washington, Mo.—Citizens voted to issue $60,000 bonds for purchase of water system. Plan to issue $35,000 additional bonds for improving same. Noted July 29.

Beeville, Tex.—According to press reports city contemplates water system. Estimated cost between $20,000 and $30,000.

Galveston, Tex.—Plans being prepared by A. T. [illegible]key, City Engr., for reconstructing 30-in. submerged wat[illegible] main.

Galveston, Tex.—A. M. Lockhart & Co., at $15,9[illegible], submitted the lowest bid for air compressor for wate[illegible] works at Alta Loma. Noted Aug. 12.

Sterling, Colo.—Press reports state that dam at North Sterling reservoir will be improved. Estimated cost [illegible],000.

Tulsa, Okla.—E. C. Hughes, City Engr., authorized to prepare map of ground of site for dam in Osage Hills which will probably supply city with water.

✚**Edgewater, Colo.**—Contract for water system awarded GREGG & FISHER, at $39,870. Noted July 29.

Idaho Falls, Idaho—Cost of raising dam to increase flow of water at municipal water works estimated at $12,78[illegible].

✚**Lava Hot Springs, Idaho** (Dempsey post office)—Contract for water system awarded ANTON JENSEN, Preston, at $13,925.

Everett, Wash.—Burns & McDonnell, Kansas City, Mo., retained as engineer for improving water system. Bonds for $1,700,000 voted for pipe line to carry waters of Sultan Basin to city limits and for purchase of present water system. Noted Sept. 2.

North Yakima, Wash.—Election will be held Oct. 20 to vote $80,000 bonds for West Side drain.

Seattle, Wash.—Contract for laying water mains in East 54th St. and Bradner Pl. awarded to N. FIORTA & BROS. at $1,363; 37th Ave. N. E., CITY CONTRACTING CO., at $8,912. Noted July 5 and Aug. 12.

Wenatchee, Wash.—(Official)—Citizens voted $500,000 bonds for new irrigation system and for improving old one. Noted Sept. 2.

Baker, Ore.—Citizens will vote on issuing $110,000 bonds for improving municipal water system.

Echo, Ore.—Bids will soon be received by the Teal Irrigation District for reclaiming about 20,000 acres. Estimated cost, $800,000.

Fairview, Ore.—An election will be held to vote $12,600 bonds for municipal water system.

Florence, Ore.—Bonds for $10,000 sold for water system.

Hood River, Ore.—Citizens voted $50,000 bonds for irrigation system. Noted Sept. 2.

Salem, Ore.—Sutles Lake Irrigation District plans to issue $600,000 bonds to irrigate 12,000 acres.

✚**West Lynn, Ore.**—Contract for municipal water system awarded J. W. MOFFATT, West Lynn, at $15,000.

Modesto, Calif.—Modesto Irrigation District plans to improve irrigation system. Estimated cost, $50,000.

✚**Pasadena, Calif.**—Contract for furnishing c.-i. pipe awarded to AMERICAN CAST IRON PIPE CO., at $10,000.

✚**Quebec, Que.**—(Official)—Contract for storage dam awarded GEORGE MADDEN, Quebec, at $101,027. Noted Sept. 2.

Toronto, Ont.—Bids will be received until Oct. 12 by T. L. Church, Mayor, for 35-in. stop valves, valve operating mechanism and special castings for pumping station.

SEWERS

✚**Rochester, N. H.**—(Official)—Contract 8,100 ft. of 8- to 12-in. sewer pipes awarded C. W. FOSS CO., Fitchburg, Mass., at $9,163. Noted Aug. 19 and Sept. 9.

Lakeville, Conn.—We have been advised that plans for a sewer system are being prepared by the City-Wastes Disposal Co., 156 Fifth Ave., New York, and not by Virgil Ehle, as noted in the issue of Sept. 2.

✚**Albany, N. Y.**—Board of Contract and Supply awarded contract for sewage pumping stations to FOUNDATION CO., Woolworth Bldg., New York, at $172,772. Noted Aug. 5.

New Rochelle, N. Y.—City Council plans sewer at Hudson Park. Estimated cost, $7,500.

✚**New York, N. Y.**—(Borough of Brooklyn)—(Official)—Contract awarded to MURPHY BROS., 25th St. and Cropsey Ave., for sewer basin in East 13th St. and Ave P. Noted Sept. 2 and 16.

✚**New York, N. Y.**—(Borough of Brooklyn)—(Official)—Contract awarded to B. PACONI & SON, for sewer in East Eighth St. Bids opened Sept. 15. Noted Sept. 9.

✚**New York, N. Y.**—(Borough of Manhattan)—(Official)—Contract awarded to WALTON CONTRACTING CO., 147 East 125th St., at $4,949 for sewer in Ellwood St. Noted Sept. 2 and 16.

✚**New York, N. Y.**—(Borough of Queens)—(Official)—Contracts awarded to WILLIAM M. STANTON, at $78,837, for sewers in Perry Ave. and Maurice Ave., Second Ward; KINGSBRIDGE CONTRACTING CO., 130 East 42nd St., Manhattan, at $81,542, for sewers in Maspeth Ave., Rust, Creek, Clark St., Second Ward and to CLANCY & VAN ALST, 401 Broadway, Long Island City, at $73,655, for sewers in Grand St., Second Ward. Noted Aug. 26 and Sept. 9.

New York, N. Y.—(Borough of Queens)—(Official)—Bids will be received until 11 a.m., Sept. 30, by Maurice E. Connolly, Borough Pres., for sewer work in various streets.

New York, N. Y.—(Borough of Richmond)—(Official)—All bids received Sept. 7 for sewage-disposal plant were rejected. New bids will be received until noon, Sept. 28, by Calvin D. Van Name, Borough Pres., for sewage-disposal plant, and sewer outlet at Taylor St. Noted Sept. 2 and 16.

✚**Rochester, N. Y.**—Contract awarded to F. V. BOTSCH, Triangle Bldg., at $20,867, for sewer in Main St.

Schenectady, N. Y.—Bids will soon be received for trunk sewer from interceptor in Front St. to corner of Union Ave. and Union St. Noted Aug. 26.

★**Atlantic City, N. J.**—(Official)—Bids will be received until Oct. 7, by Board of Commissioners for storm water drainage system. J. B. Thompson, Dir. of Streets and Pub. Imp.

Glen Gardner, N. J.—Bids will be received until Oct. 4 by Board of Managers of Sanitorium for Tuberculosis Diseases for additions to sewage-disposal plant.

✚**Newark, N. J.**—(Official)—Contract awarded by Passaic Valley Sewerage Commissioners to WILLIAM G. SHARWELL & CO., Newark, at $109,638, for superstructures for Newark Bay pumping station. Noted Sept. 9.

✚**Perth Amboy, N. J.**—Contract for sewer in connection with Lehigh Valley R.R. property near State St. awarded CARL POULSON and J. W. ROHR.

Plainfield, N. J.—Bonds for $35,000 have been sold to be used for sewers.

Trenton, N. J.—Board of Commissioners contemplates sewers in Fell, Steamboat and George St. and Phillips Ave. Frank Thompson, City Clk.

Vailsburgh, N. J.—(Newark post office)—Board of Works, Newark, plans new sewerage system in Sanford Ave. and adjacent streets. Estimated cost, $30,000.

West Orange, N. J.—Estimated cost of 3-ft. storm sewer from Fairmount Ave. to brook is $12,000. Rufus Mead, Engr.

★**Philadelphia, Penn.**—(Official)—Bids will be received until noon, Sept. 29, by M. L. Cooke, Dir. of Pub. Ser., Rm. 225, City Hall, for Schedule A, branch sewers, B, main sewers and C, bridges.

Sharon, Penn.—Council plans to issue $185,000 bonds for sewage-disposal plant.

Culpeper, Va.—Bids will be received until Oct. 1 by A. W. Pullman, for sewer work.

✚**Richmond, Va.**—Administrative Board awarded contract for sewer in Scott's Addition to LEROY E. NEWTON, at $11,601. Noted Sept. 16.

Richmond, Va.—City plans an expenditure of $50,000 for sewers in East End.

Leesburg, Fla.—(Official)—Citizens defeated $35,000 bond issue for sewers. L. M. Johnson, City Clk. Noted Aug. 26.

Miami, Fla.—Bids will be received until Oct. 7 by City Council for two vertical centrifugal pumps and electric motors in sewage pumping station.

✚**Ocalo, Fla.**—(Official)—Contract awarded to BRYANT & CO., Jacksonville, at $66,700, for sewer work. Noted Aug. 19.

North Chattanooga, Tenn.—(Official)—Bids will be received until 2 p.m., Sept. 27, by Board of Commissioners for sale of $50,000 sewer bonds. Cushman & Farleigh, City Engr. Noted Aug. 26.

Cincinnati, Ohio—(Official)—Bids were received for sewers in Crescent Ave., Athens St. and Missouri Ave. from: Cavanaugh & Connelly, $11,546; Wagner & Boehning, $12,728; John Ruebel Construction Co., $13,001.

Letonia, Ohio—Citizens will vote Nov. 2 to issue bonds for $28,000 for sewage-disposal plant and two trunk-line sewers.

Toledo, Ohio—Bids will be received until noon, Sept. 28, by city for local sanitary sewer No. 20 of Main Sewer District No. 6.

Princeton, Ind.—(Official)—Bids will be received until Sept. 27 for sanitary sewer system. E. M. Miller, City Clk. Noted Sept. 2.

Mason, Mich.—(Official)—Citizens defeated $34,000 bond issue for sewer work. J. E. Welsh, City Clk. Noted Aug. 26.

Elroy, Wis.—Revised plans will be prepared for sewers on West and Cedar St.

✚**Clinton, Iowa**—(Official)—Contracts awarded to THOMAS CAREY & SON, Clinton, at $124,857, for sewer in Fourth Ward. Noted Aug. 12.

Donnellson, Iowa—(Official)—Plans are wanted for septic tank for school. B. F. Warren, Secy. School Bd.

✚**Maquoketa, Iowa**—Contract for sewers awarded W. B. YEAGER, at $4,294.

✚**Austin, Minn.**—Contract for sewers on Euclid Ave. and Third St. awarded CATHERO & CO.

Cokato, Minn.—Bids will be received until 8 p.m. Oct. 5, by M. E. Berg, Village Recdr., for sewer system.

Herman, Minn.—(Official)—Bids will be received until Oct. 8 by Village Council for sewer. Estimated cost, $4,573. J. E. Cole, City Engr. Noted Sept. 9.

Minneapolis, Minn.—Sewer Committee recommended sewer south of 45th St. and west of Nicollet Ave.

St. Paul, Minn.—(Official)—Bids will be received by Aug. ust Hohenstein, Pur. Agt., Court House, until 10:30 a.m., Sept. 27, for Hazel Park Sanitary Sewer System.

South St. Paul, Minn.—Property owners plan to revive project for extension of sewer system.

Lincoln, Neb.—(Official)—Sewer work planned by city will be done by city forces. A Dobson, City Engr. Noted Aug. 26.

Wausa, Neb.—Citizens voted to issue $12,000 bonds for sewer system and sewage-disposal plant.

Alton, Mo.—Plans being prepared for east and west end trunk sewers.

✚**St. Louis, Mo.**—(Official)—Contracts awarded to ALFRED LEWALD, at $5,431, for sewer in Harlem Creek Sewer District No. 12, at $7,879 in District No. 13, at $5,920 for sewer in Penrose Joint District and to GEORGE G. PRENDERGAST CONSTRUCTION CO., at $37,377, for sewers in Baden Sewer District No. 2. Noted Sept. 2.

Santa Ana, Tex.—City has retained Bradshaw & Enbank, Brownwood, to prepare plans for sewer system. Noted July 29.

Edgewater, Colo.—Bids will be received until Oct. 10 by C. W. Gist, Town Clk., for sewer system. Estimated cost, $32,000.

✚**Pullman, Wash.**—Contract awarded to JAMES C. BROAD, Jamieson Bldg., Spokane, at $12,000, for sewer in Improvement District 34. Noted Aug. 26.

Spokane, Wash.—(Official)—City contemplates making extensions to sewer system by day labor. J. T. McDevitt, Ch. Clk. Noted Sept. 9.

Auburn, Calif.—Bond election for $22,000 for sewers postponed till end of year. M. A. Waleau, City Clk. Noted July 1 and Aug. 26.

✚**Berkeley, Calif.**—Contract awarded to CHAMBERS & HEAFEY, Oakland, at $20,000 by City Council for sewer system.

GARBAGE

✚**Gloucester City, N. J.**—Contract for cleaning city streets, garbage collection and sprinkling for one year awarded as follows: District No. 1, THOMAS O'BRIEN, $223 per month; District No. 2, CHARLES H. EASTLAKE, $180 per month.

Nutley, N. J.—Board of Health plans to install garbage incinerator.

New Orleans, La.—City Engineer will prepare plans for garbage incinerator. Estimated cost, $30,000.

Bellaire, Ohio—City contemplates building garbage-disposal plant. C. Wassman, Mayor.

Sioux City, Iowa—Citizens plan to install incinerator.

★**Houston, Tex.**—(Official)—Bids will be received until 2 p.m., Oct. 8, by city for reinstallation of garbage incinerators, destructors. B. Campbell, Mayor and E. E. Sands, City Engr.

STREETS AND ROADS

✚**Madison, N. H.**—State Highway Commission, Concord, awarded contract for improving road at Madison to J. W. TYLER, Silver Lake.

Boston, Mass.—Bids will be received until noon, Sept. 28, by State Highway Commission, 15 Ashburton Pl., for about 14,300 lin.ft. of highway in town of Norwell.

✚**Boston, Mass.**—Contract for paving Montebello Rd., West Roxbury, awarded to M. De MATTEO, 146 Dudley St., Roslindale, at $8,395. Noted Sept. 16.

✚**Boston, Mass.**—Contract awarded to CHARLES J. JACOBS CO., 107 Terrace St., Roxbury, at about $16,418, by Commissioner of Public Works for paving work on West Roxbury and Glendower Rd. Noted Aug. 5.

✚**Boston, Mass.**—Contracts awarded to JAMES DOHERTY, 133 Calumet St., Roxbury, at $4,487, for artificial stone sidewalks on Gladstone and Bayswater St. and to A. STEPHANO, 284 Summer St., for artificial stone sidewalks.

Shelburne Falls, Mass.—Bids will be received until 1 p.m., Sept. 28, by W. G. Rickett, Shelburne Falls, for rebuilding road in town of Shelburne.

✚**Dunkirk, N. Y.**—Contract for paving awarded to JAMES McNAMARA, at $6,500. Noted Sept. 2.

✚**Glens Falls, N. Y.**—Contract awarded to J. & M. DOYLE, at $16,231, for improving Wayne and 19th St.

✚**Lockport, N. Y.**—City awarded contract for brick paving to C. B. WHITMORE, at $4,800.

New York, N. Y.—(Borough of Brooklyn)—(Official)—Bids will be received until 11 a.m., Sept. 29, by L. H. Pounds, Pres., Borough of Brooklyn, for repaving Broadway and Surf Ave. and for furnishing 1,000 cu.yd. of binder stone and 800 tons of limestone.

New York, N. Y.—(Borough of Brooklyn)—(Official)—Bids were received Sept. 15 for improving Ashland Pl. as follows: Franklin Contracting Co., 52 Vanderbilt Ave., New York, $17,428; Glenmore Ave., Brooklyn Alcatraz Paving Co., 407 Hamilton Ave., Brooklyn, $16,462; Hopkinson Ave., Brooklyn Alcatraz Paving Co., $3,941; Grafton St., Brooklyn Alcatraz Paving Co., $5,475; 64th St., Topeka Paving Co., West 14th St. near Neptune Ave., Brooklyn, $3,873 and 74th St., Topeka Paving Co., $4,613. Noted Sept. 9.

New York, N. Y.—(Borough of Manhattan)—(Official)—Bids were received Sept. 15 for paving work on 62nd St.; Aztec Asphalt Co., 90 West St., $15,846; Sicilian Asphalt Co., $18,244 and Barber Asphalt Co., $18,694, and for paving work on 66th St.: Sicilian Asphalt Co., 41 Park Row, $7,171; Aztec Asphalt Co., $7,233 and Asphalt Construction Co., $7,330, and for paving work on Haven Ave.: Asphalt Construction Co., 208 Broadway, $4,673; Sicilian Asphalt Co., $4,993 and Barber Asphalt Co., $5,107. Noted Sept. 9.

New York, N. Y.—(Borough of Queens)—(Official)—Bids will be received until 11 a.m., Sept. 30, by Maurice E. Connolly, Borough Pres., for improving Fairview Ave., Parsons Ave., Gerold St., Boulevard, Fifth Ward.

✚**New York, N. Y.**—(Borough of Richmond)—(Official)—Contract for repaving Richmond Terrace awarded to J. E. DONOVAN, 2205 Richmond Terrace, at $21,779. Noted Aug. 12 and Sept. 16.

Rensselaer, N. Y.—City will spend $30,000 for paving work.

Arcola, N. J.—(Warrenpoint post office)—(Official)—Bids will be received until 4 p.m., Sept. 25, by Townshhip Committee of Midland Township, for concrete sidewalks and curbs on Rochelle Ave. Arthur Lozier, Township Clk.

✚★**Elizabeth, N. J.**—Contracts awarded for paving as follows: UNION PAVING CO., Philadelphia, Penn., Anna St. and Murray St., at $8,361 and $15,610, respectively; JOHN E. DONOVAN, Broad St. at $29,775; STANDARD BITULITHIC CO., Newark, four streets, $13,003; UVALDE ASPHALT PAVING CO., Jersey City, Irvington Ave. and Prince St., at $6,862 and West Grand St., $12,825. Noted Aug. 12.

✚**Elizabeth, N. J.**—Contracts awarded to WELDON CONTRACTING CO., at $26,315, for widening St. George's Ave. and to C. H. WINANS CO., at $12,102, for road work on Morris Turnpike.

Hackensack, N. J.—(Official)—Bids will be received until Oct. 1, by Board of Chosen Freeholders of Bergen County for improving road from Godwin, Midland Park to New York State line.

✚**Hawthorne, N. J.**—Contract awarded to WALTER WILLIAMS, for concrete sidewalks on Cedar, Royal and Forest Ave.

Irvington, N. J.—Bids will be received by Board of Freeholders, Newark, N. J., until 3 p.m., Oct. 11, for paving Lyon Ave. Frederic A. Reimer, County Engr.

Jersey City, N. J.—Bids will be received until Oct. 7 by Board of Freeholders for paving work on Passaic Ave., Kearney and Paterson Plank Rd., about 9,366 ft. and 7,705 ft. respectively.

✚**Jersey City, N. J.**—Contract awarded to VAN KEUREN CO., Jersey City, at 88.9% of standard for repaving Storms Ave. Noted Aug. 19.

Jersey City, N. J.—Bids will be received until Oct. 7 by Board of Chosen Freeholders of Hudson County for improving Passaic Ave. and Paterson Plank Rd. Noted July 29.

Jersey City, N. J.—All bids received for repairing portions of Arlington, Bayview and Garfield Ave. were rejected by City Commissioners. New bids will be received. Noted Aug. 26.

Midland Park, N. J.—Bids will be received until Oct. 1 by Board of Chosen Freeholders of Bergen County, Court House, Hackensack, for improving Prospect St., Crescent Ave. and Mowerson Rd.

Newark, N. J.—Bids will be received until Sept. 30 by Board of Works for bitulithic pavement on North Sixth St. Board of Works has also authorized improvement of Washington St.

✚**Newark, N. J.**—Contract awarded by Board of Works to GLENFIELD CONSTRUCTION CO., at $7,023, for improving North 12th St. with asphalt pavement.

West Hoboken, N. J.—Bids will be received until 8 p.m., Oct. 6, by Town Council for improving Palisade and Paterson Ave. and for walls and stairways in old Hillside Rd.

West Paterson, N. J.—Bids will be received until Sept. 27 by Street Commission of Council for macadamizing portions of Garbaldi and Grover Ave. E. A. Mulroony, Clk.

✚**Bethlehem, Penn.**—Borough Council awarded contract for about three miles amiesite paving to R. S. RATHBUN, Allentown. Noted Aug. 28 and Sept. 2.

✚**Bloomsburg, Penn.**—Contract awarded to B. E. BLOOM, Luzerne, at $0.97 per sq.yd. for 11,600 sq.yd. of brick pavement on Market St. Noted Aug. 26.

✚**Greensburg, Penn.**—(Official)—Contracts awarded to JOHN MITCHELL, Tranger, and BELL-BOCKEL CO., Altoona, at $25,000 and $33,000 respectively, for highway in Mt. Pleasant Township. Noted Aug. 19.

✚**Harrisburg, Penn.**—(Official)—Contract awarded to WILLIAM C. EVANS, Ambler, at $86,079, for amiesite road from Huntington to Mill Creek in Huntington County and $34,123 for road work on State Highway Route 131 in Chester County. Noted Sept. 2.

✚✚**Marcus Hook, Penn.**—Borough Council awarded contract for 7,000 sq.yd. paving and 800 sq.yd. gutter to EASTERN PAVING CO., Philadelphia, at $11,016. Noted Aug. 26.

✚**Philadelphia, Penn.**—Contract awarded to EDWIN H. VARE, Philadelphia, at $42,836, for improving Passyunk Ave.

Plains, Penn.—(Official)—Bids will be received until 7:30 p.m., Oct. 4, by Board of Commissioners of Plains Township for improving various streets. William Rowlands, Secy., Bd. of Comrs.

✚**Baltimore, Md.**—Contract awarded to P. FLANAGAN & SONS, Baltimore, at $1.32 per sq.yd., for paving Rosedale Ave. and Arunah Ave.

Baltimore, Md.—Bids will be received until noon, Sept. 28, by State Road Commission, Garrett Bldg., for road work under Contract No. CL 13, Carroll County.

✚**Hamilton, Md.**—Commissioners of Baltimore County, Towson, awarded contract for widening and paving Hamilton Ave. to THOMAS R. GATCH & SONS, Raspeburg, Md., at $5,500.

Bland, Va.—Bids will be received until noon, Sept. 27, by R. C. Repass, Clk., Bd. of Supervisors, for 2.46 miles of county road.

Berkeley Springs, W. Va.—Bonds for $15,000 have been voted by citizens for street paving. J. A. Risinger, Mayor.

✚✚**Charleston, W. Va.**—Contracts awarded by City Council for paving work as follows: R. M. HUDSON & CO., West Second St., at $1.65 per sq.yd.; GLOVER & KIMBERLIN, Charleston, Crescent Rd. and Bridge St., $1.80; Sixth St., Columbia Blvd., Caroline, Maryland, Pennsylvania Ave., at $1.62 and $1.69 for asphaltic concrete and asphalt respectively; CAREY, REED & CO., Lexington, Ky., Roane St., at $1.74. Noted Sept. 2.

Clarksburg, W. Va.—(Official)—Bids will be received until 7:30 p.m., Sept. 24, by Albert J. Bishop, City Clk., for paving North Fourth St. with vitrified brick or wooden block.

Logan, W. Va.—Citizens of Logan County defeated bond issue for $200,000 road bonds. Noted July 29.

Martinsburg, W. Va.—Bonds for $15,000 voted by citizens for paving Main St. J. A. Rosinger, Mayor.

✚**Wellsburg, W. Va.**—Contract awarded to A. O. HALDERMAN, Wheeling, for 9,500 sq.yd. of brick pavement on Follansbee Rd. Noted Sept. 2.

✚**Wheeling, W. Va.**—Contract awarded to BALL ENGINEERING CO., by Ohio County Commissioners for resurfacing with asphalt National Pike from Stockyard to Rudlers and from Leatherwood to Pleasant Valley.

Greensboro, N. C.—Two miles of macadam road will be built by Guilford County Commissioner from Greensboro to High Point. Estimated cost, $25,000.

Greensboro, N. C.—West Lee and Tate St. will be paved with concrete. Edward M. Myers, City Engr.

Reidsville, N. C.—Main St. will be paved and sidewalks laid.

Rutherford, N. C.—Section of Main St. will be paved at estimated cost of $8,900.

Shelby, N. C.—Election will be held Oct. 16 to vote $20,000 bonds for road work in Cleveland County, No. 3 Township.

Wilson, N. C.—Anderson & Offutt, Charlotte, retained to prepare plans for street improvements. Bonds for $80,000 voted. T. A. Hinnant, Town Clk.

Sumter, S. C.—Bonds for $225,000 voted by citizens for street improvements. D. M. Blanding, Clk. Noted Aug. 26.

Bartow, Fla.—Citizens of Polk County will vote on $1,000,000 bonds for highway work.

Jacksonville, Fla.—Duval County Council of Dixie Highway Association, formed to lay out route of Dixie Highway from Macon, Ga. to Jacksonville. John H. Williams, Chn.

Mayo, Fla.—Citizens will vote on $300,000 bonds for road work in Lafayette Couny.

Palatka, Fla.—Putnam County voted $208,000 bonds for brick roads and concrete bridges. Noted Aug. 26.

Perry, Fla.—Citizens of Taylor County will vote on $500,000 bonds for highway construction.

Sanford, Fla.—Bonds for $450,000 voted by citizens Sept. 7 for highways. Noted Aug. 26.

✚**Tallahassee, Fla.**—Contract awarded to SOUTHERN PAVING CONSTRUCTION CO., Chattanooga, Tenn., at $67,463, for paving various streets with brick. Noted Aug. 26.

West Palm Beach, Fla.—Bonds for $800,000 sold by Palm Beach County for road work.

Marion, Ala.—Bids will be received until Oct. 1 by County Commissioners for 7,800 cu.yd. of clay-gravel for surfacing part of Marion and Uniontown Rd.

Columbus, Miss.—(Official)—Bids will be received until Sept. 28 by Highway Commission of Supervisors District for 36,690 sq.yd. bituminous wearing surface. G. E. Hauser, Jr., Columbus, Engr.

Columbus, Miss.—(Official)—Bids will be received until Oct. 4 by Board of Supervisors of Lowndes County for $90,000 highway bonds.

Columbus, Miss.—(Official)—Contracts will be awarded about Oct. 11 for 48 miles highway improvement. G. E. Hauser, Jr., Engr.

Columbus, Miss.—Bonds for $100,000 voted for road from Columbus, Miss., to Vernon, Ala. W. E. Cox, Superv. Noted Sept. 2.

Derma, Miss.—Bids will be received until Oct. 5 for constructing 1,800 sq.yd. of concrete sidewalks. N. M. Crawford, St. Comr.

West Point, Miss.—Bonds for $20,000 issued by Clay County Supervisors to construct roads.

Donaldsonville, La.—Election will be held Oct. 19 to vote $15,000 bonds and $50,000 bonds for road work in Road Districts No. 2 and 1 respectively.

✚**Gueydan, La.**—Contract awarded to C. L. BAKER, at $7,000, for sidewalks.

✚**Lake Charles, La.**—Contracts awarded by Police Jury to TEXAS GRADING CO., at $16,882, for gravel road near Vinton and to W. M. McCORQUODALE, Lake Charles, at $14,200, for gravel road near Sulphur. Noted Sept. 2.

✚**New Orleans, La.**—Contract awarded to S. A. CANO, Jackson, Miss., at $37,735, by State Highway Department for 26 miles of gravel road in Road District No. 1, West Baton Rouge Parish. Noted July 29.

✚**New Orleans, La.**—Contract awarded by Highway Department of Board of State Engineers to W. E. GREEN, Lafayette, at $14,900, for eight miles of road work in Red River Parish. Noted Aug. 19.

Oberlin, La.—Bonds for $150,000 voted by citizens for gravel roads in Ward Five, Allen Parish. S. M. Lee, Member Police Jury. Noted Aug. 26.

Ponchatoula, La.—Tangipahoa Parish Police Jury will improve Ponchatoula-Madisonville Rd. at estimated cost of $12,000.

✚**Chattanooga, Tenn.**—Contract for paving McCallie Ave. awarded to NOLL CONSTRUCTION CO. at $9,321, and for paving Main St. from Market to Whiteside St. to WEST CONSTRUCTION CO., at $10,418.

Jacksboro, Tenn.—Bids will be received until Oct. 2 by Board of Highway Commissioners for improving roads No. 2, 7 and 8. H. G. Murray, Chn.

Knoxville, Tenn.—Bonds for $200,000 for road work voted by citizens of Grainger County.

Livingston, Tenn.—Citizens of Overton County contemplate holding election Oct. 23 to vote on $160,000 bonds for road work. Noted Aug. 19.

Loudon, Tenn.—Bonds for $12,000 voted by County Court for completion of Dixie Highway to Loudon County line.

✚**Memphis, Tenn.**—Contract awarded to KOEHLER BROS.-FOWLER CONSTRUCTION CO., at $22,204, for improvements to Main St. Noted Aug. 12 and Sept. 16.

Rutledge, Tenn.—Bonds for $200,000 voted by citizens of Grainger County for road work. Noted Sept. 2.

Tazewell, Tenn.—Bids will be received until Oct. 8 for grading and macadamizing 103 miles of road in Claiborne County. J. H. S. Morison, Cumberland Gap, Comr.

Albany, Ky.—Bids will be received about Oct. 15 for Dixie Short Route from Tampa, Fla., via Chattanooga, Tenn., to Cincinnati, Ohio. C. B. Parrigin, County Judge. Noted Sept. 9.

✚**Brownsville, Ky.**—Contract awarded to A. A. SMITH, Mt. Pleasant, Tenn., at $14,000, by Edmonson County Fiscal Court for 3½ miles of turnpike from Brownsville to Rhoda.

Columbia, Ky.—Citizens of Adair County voted $120,000 bonds for road construction. Noted Aug. 26.

✚Elizabethtown, Ky.—Contract awarded to S. P. JOHNSON by Hardin County Fiscal Court for four miles of Dixie Highway from Elizabethtown to Hart County Line.

✚Hopkinsville, Ky.—Contract awarded by Christian County Fiscal Court to D. C. McQUARRY, at $24,611 for six miles of road.

Louisville, Ky.—Chestnut St. from 24th to 26th St. will be paved by city forces. David R. Lyman, City Engr.

Princeton, Ky.—Bids will be received until Sept. 27 by County Commissioners of Caldwell County for two miles of macadam State-Aid highway.

✚Cincinnati, Ohio—Contract awarded to HENKLE & SULLIVAN, at $8,102, by Board of Control for improving Gest St. Noted Sept. 2.

Cleveland, Ohio—County Commissioners contemplate widening Lake Shore Blvd. W. A. Stinchcomb, County Engr.

✚Cleveland, Ohio—Commissioners of Cuyahoga County awarded contract for 5½ miles of road between Bedford and Twinsburg to PACE BROS., Cleveland, at $94,000.

✚Columbus, Ohio—Director of Service awarded contract for paving Heyl Ave. to A. W. BURNS & CO., Columbus, at $4,200; contract for improving Nelson Rd. awarded to A. G. PUGH, Columbus, at $15,000. Noted Sept. 2.

Columbus, Ohio—Bids will be received until Oct. 8 by Board of County Commissioners of Franklin County for improving Frantz Rd. with macadam, McCoy Rd. in Perry Township and Ryan Ave., Franklin Township, Mason Rd. in Marion Township and Cambridge Rd. in Perry Township and Cambridge Rd. in Perry Township. John Scott, Clk., Bd. of County Comrs.

✚Columbus, Ohio—Contracts awarded by State Highway Commissioner for road work as follows: J. A. WESTRICK, Holgate, $25,900; GARVER & WIRTZ, Hamilton, $1,299; KORAH E. KINKLE, Dayton, $7,943; EDWARDS BROS., Sundbury; YUNDT & JACKSON CO., Dayton, $24,900; YUNDT & JACKSON CO., Dayton, $1,200 and $33,640; McARTHUR & FOX, Bellencenter, $9,100; MODERN CONSTRUCTION CO., Fremont, $16,700; MODERN CONSTRUCTION CO., Fremont, $15,700; J. P. WARNICK, Cadiz, $32,776 and EDWARD BEAN, Highland, $4,900. Noted Aug. 26.

✚East Liverpool, Ohio—Contract awarded to PATTERSON & GRAFTON, East Liverpool, for paving 17th St. from Clark to Buckeye Ave.

✚Galion, Ohio—Contract awarded to BROOKS CONSTRUCTION CO., Ft. Wayne, Ind., at $40,095 for paving Church St. with brick.

Gates Mills, Ohio—(Official)—Bonds for $22,000 sold for improving Mayfield and Som Center Rd. in Mayfield Township. F. J. William, Township Clk. Noted Aug. 19.

✚Lorain, Ohio—Contract awarded to OHIO ENGINEERING CO., Lorain, at $37,191, for brick pavement on East 28th St. Noted Aug. 26.

Napoleon, Ohio—Bonds for $45,800 sold for road work in Union County.

✚Oakharbor, Ohio — (Official) — County Commissioners awarded contract for 2,500 sq.yd. brick or asphalt paving to MODERN CONSTRUCTION CO., Fremont, at $5,606. Noted Sept. 2.

✚Painesville, Ohio—Contract awarded to GOULD & MAYBACH, for paving East South and Walnut Ave.

Ravenna, Ohio—(Official)—Bids will be received until noon, Oct. 2, by John S. Mallette, Dir. of Pub. Ser., for improving Pratt St. from Main St. to Riddle Ave.

✚Wooster, Ohio—(Official)—Contract awarded to GRIEST & MARKLEY, Wooster, at $6,175, for paving North Buckeye St. with brick. Noted Sept. 2.

Angola, Ind.—(Official)—Bids will be received until 1 p.m., Oct. 5, by Commissioners of Steuben County for two gravel roads. F. C. Dewey, Audr.

✚Columbus, Ind.—(Official)—Contract awarded to MERIDITH & HAILWAY, Columbus, at $6,124, by Commissioners of Bartholomew and Shelby Counties for road on county line. W. H. Scott, Audr. Noted Aug. 19.

Crawfordsville, Ind.—(Official)—Bids will be received until 10 a.m., Oct. 5, by Commissioners of Montgomery County for road in Ripley Township. B. B. Engle, Audr.

✚English, Ind.—Contract awarded to J. M. FROMAN, Grandsburg, at $7,925, for stone road in Jennings Township.

Franklin, Ind.—(Official)—Bids will be received until 2:30 p.m., Oct. 4, by Commissioners of Johnson County for gravel road in Pleasant Township. H. L. Knox, Audr.

Franklin, Ind.—(Official)—Bids will be received until 2:30 p.m., Oct. 20, by Commissioners of Johnson County for gravel road on Johnson-Marion County line. H. L. Knox, Audr.

Greensburg, Ind.—(Official)—Bids will be received until 1 p.m., Oct. 4, by Commissioners of Decatur County for road in Saltcreek and Washington Townships. L. W. Sands, Audr.

✚Indianapolis, Ind.—Contract awarded to KOKOMO ASPHALT PAVING CO., Kokomo, at $14,826, for paving 18th St. with bituminous concrete.

Lebanon, Ind.—(Official)—Bids will be received until 2 p.m., Oct. 4, by Commissioners of Boone County for gravel roads in Perry and Washington Townships. D. M. Clark, Audr.

Monticello, Ind.—(Official)—Bids will be received until 10 a.m., Oct. 5, by Commissioners of White County for gravel road in Liberty Township. A. G. Fisher, Audr.

✚Mt. Vernon, Ind.—Contract awarded to LAWRENCE J. UTLEY, Mt. Vernon, at $9,164, for two gravel roads in Black Township. Noted Sept. 2.

Muncie, Ind.—Bids will be received until 1 p.m., Sept. 28, by Board of Public Works for concrete sidewalks on 13th, Liberty and Hackley St. John R. Kelly, City Clk.

Plymouth, Ind.—(Official)—Bids will be received until 1:30 p.m., Oct. 1, by Commissioners of Marshall County for gravel roads in German and Center Townships. George F. McCoy, Audr.

✚Rensselaer, Ind.—Contract awarded to THOMAS M. COLLOHAN, Rensselaer, at $13,499, for road in Gillam Township.

Rockport, Ind.—(Official)—Bids will be received until 1 p.m., Oct. 4, by Commissioners of Spencer County for road in Ohio Township. J. T. Stevenson, Audr.

✚Shelbyville, Ind.—Contracts awarded to D. H. FATOUT, Indianapolis, at $5,510 for road in Shelby Township and to KERNODLE, DALE & FULWIDER, at $5,984 and $5,974 for two roads in Liberty Township by Commissioners of Shelby County.

Shoals, Ind.—(Official)—Bids will be received until 1 p.m., Oct. 4, by Commissioners of Martin County, for macadam road in Perry Township. L. D. Haga, Audr.

✚Sullivan, Ind.—Contract awarded to R. R. SINGE, Sandborn, at $10,279, by Commissioners of Sullivan County for gravel road in Hamilton Township.

Tell City, Ind.—(Official)—Bids will be received until 7:30 p.m., Sept. 28, by Common Council for combined concrete curb and gutter on Tenth St. Louis Siebert, Jr., City Clk.

Washington, Ind.—(Official)—Bids will be received until 2 p.m., Oct. 5, by Commissioners of Davies County for pike road in Washington Township. L. S. Core, Audr.

Winamac, Ind.—(Official)—Bids will be received until noon, Oct. 5, by Commissioners of Pulaski County for road in Teppecanoe Township. W. E. Munchenburg, Audr.

Blissfield, Mich.—(Official)—Bids will be received until Sept. 25, by Ralph E. Pletcher, Town Clk., for macadam roads in Blissfield Township.

✚Freedom, Mich.—Contract awarded by Council to McGUIRE & CO. for grading and paving Sixth Ave.

Pontiac, Mich.—County contemplates concrete road five miles long between Pontiac and Detroit.

✚Belleville, Ill.—Contract awarded to REEB BROS., at $18,230, by Board of Local Improvements for paving Busch Ave.

✚Belleville, Ill.—Contract awarded to HOEFFKEN BROS., at $17,399, for paving Olive St.

✚Evanston, Ill.—Board of Local Improvements awarded contract for bituminous macadam on Lyons St. to M. FOLEY CO., at $4,933.

Paris, Ill.—Bids will be received until 2 p.m., Sept. 24, by Commissioners of Highways of Hunter Township for 3,960 ft. of gravel road on Baldwinsville state line road and 5,280 ft. of gravel road on Heelan Rd. Karl J. Barr, County Supt. of Highways.

Paris, Ill.—Bids will be received until 10 a.m., Sept. 25, by E. C. Barkley, Comr. of Highways, Symmes Township, for 1,800 ft. of gravel road on Chicago Rd., 3,000 ft. of gravel road on Asher Rd. and 3,950 ft. of gravel road on Preston Rd.

✚Rock Island, Ill.—Contract awarded to TRI CITY CONSTRUCTION CO., Davenport, Iowa, at $18,977, for paving 24th St. with brick and 16th Ave .

✚Springfield, Ill.—(Official)—State Highway Commission awarded contract for brick road near Dwight, Livingston County, to ALLAN J. PARRISH, Paris, at $17,974. Noted Aug. 19.

✚Columbus, Wis.—(Official)—Contract awarded to BUTLER CONSTRUCTION CO., Waukesha, at $6,826, for improving Madison Rd. Noted Sept. 2.

Fond Du Lac, Wis.—Mt. Calvary Rd. will be improved by County Highway Commission.

✚Milwaukee, Wis.—Contract awarded to CULLIGAN & ROCK, for sidewalks on Greenfield Ave. for Allis-Chalmers Co.

✚Reedsburg, Wis.—(Official)—Contract has been awarded to SWEENEY BROS., Reedsburg, at $1.29 per sq.yd., for paving North Albert Ave. Noted Aug. 26.

✚Des Moines, Iowa—Contract awarded to FRED H. BALTZER & STEPHEN JONES, Des Moines, at $15,000, by State Executive Council for road work in capitol extension. Noted Sept. 2.

Des Moines, Iowa—The graveling of 190 miles of highways in Polk County is advocated by Harry Barquist, Chn. of Polk County Bd. of Supervisors. Estimated cost, $190,000.

✚Dubuque, Iowa—City awarded contract for 5,000 sq.yd. brick paving and 11,000 sq.yd. asphaltic concrete paving to JAMES LEE, 18th and Pine St., Dubuque.

✚Jefferson, Iowa—Contracts for paving, curb and gutter awarded to FORD PAVING CO., Cedar Rapids.

Buffalo, Minn.—Bids will be received until 8 p.m., Oct. 4, by E. O. McGaffey, Village Clk., for grading Lake Shore Rd. F. W. Van Krevelin, Engr.

✚Ely, Minn.—Contract awarded to VICTOR NELSON, Superior, Wis., at $8,780, for concrete sidewalks.

Faribault, Minn.—Bids will be received until 7:30 p.m., Sept. 30, by E. F. Kelley, City Recdr., for filling approach to Second Ave. Bridge.

St. Paul, Minn.—(Official)—Bids will be received until 10:30 a.m., Sept. 27, by August Hohenstein, Pur. Agt., for material for paving Warsaw St.

Walker, Minn.—Bids will be received until 2 p.m., Sept. 25, by C. B. Bacon, County Audr., for State Rural Highway No. 80 in Cass County. A. W. Moulster, Pine River, Engr.-in-charge.

Walker, Minn.—Bids will be received until 2 p.m., Sept. 25, by C. B. Bacon, County Audr., for State Rural Highway No. 82, in Cass and Hubbard Counties. George A. Ralph, Fulton Blk., St. Paul, Engr-in-charge.

Atchinson, Kan.—Construction of 8,000 sq.yd. of brick pavement planned by Council.

Larned, Kan.—City Council plans 25 blocks of pavement.

✚Fremont, Neb.—Contract awarded to A. D. SEARS, Fremont, at $1.34 per sq.yd. for paving Fourth St. with granite concrete.

Great Falls, Mont.—Survey made for eight miles of road between Neihart and other side of Kings Hill Path by Cascade and Meagher Counties and Forestry Service.

✚Kansas City, Mo.—Board of Public Works awarded contracts for street work as follows: Asphaltic concrete, 2,393 sq.yd. to F. P. McCORMICK, Kansas City, $4,283; 4,833 sq.yd. of sheet asphalt to CLEVELAND TRINIDAD PAVING CO., Kansas City, at $9,569. Noted Sept. 2.

Lebanon, Mo.—Laclede County and City of Lebanon will spend $30,000 for gravel and rock roads. Isaiah Brown, Box 34, in charge.

St. Louis, Mo.—Bids will be received until 10 a.m., Sept. 28, by Board of Public Service, for paving with brick under 17 contracts. Charles E. Swingley, Secy.

Eureka Springs, Ark.—Construction of highway 24 miles long from Eureka Springs to Seligman is under consideration. John A. Bridgeford, Chn., Comm.

Amarillo, Tex.—Bonds for $50,000 voted by citizens for street paving. Noted Aug. 5.

✚Canton, Tex.—Contracts awarded for road work in Van Zandt County as follows: SMITH & LA ROE, Palestine; for main highway; MEEKS & DAVIDSON, Grand Saline, roads in various precincts.

Corsicana, Tex.—Election will be held Oct. 10 to vote on $80,000 bonds for street improvements.

El Paso, Tex.—St. Vrain St. will be paved from San Antonio to Fourth St.

El Paso, Tex.—Election will be held Oct. 12 to vote on $300,000 bonds for road work in El Paso County.

✚El Paso, Tex.—Contract awarded to TEXAS BITULITHIC CO., Dallas, at about $45,000, for paving streets in new district.

Orange, Tex.—Election will be held Oct. 16 in Orange County, Fourth Precinct, to vote on $7,000 bonds for shell or gravel road on lower Beaumont Rd.

Paris, Tex.—Grand Ave. will be paved and 15th St. from Bonham to Kaufman St.

Seabrook, Tex.—(Official)—Bids will be received until 10 a.m., Sept. 27, by County Auditor, for repairing roads in Harris County.

Depew, Okla.—Election will be held Oct. 2 to vote $18,000 bonds for road work.

Mannsville, Okla.—Citizens voted $17,000 bonds for road work.

Newby, Okla.—Election will be held to vote $20,000 bonds for roads.

Tishomingo, Okla.—Citizens contemplate election to vote $35,000 bonds for road work.

Tulsa, Okla.—Citizens of Tulsa County will vote on $20,000 bonds for road work.

✚Golden, Colo.—Contract for improving Guy Hill Rd. awarded to I. N. JACOBSON and TORE SEVERSON, Boulder, at $5,461.

Santa Fé, N. M.—Bonds for $500,000 sold for road work in various counties.

Burley, Idaho—Bids will be received until Sept. 27 for sale of $50,000 bonds for 54 miles of Idaho-Pacific State Highway in Burley Highway District. Albert Ploeger, Pres., Burley Highway Dist.

Lewiston, Idaho—Plans approved by City Council for paving and sidewalks in Special Improvement District No. 1. Estimated cost, $30,000.

Montpelier, Idaho—City Council will lay sidewalks at estimated cost of $13,821.

St. Maries, Idaho—Contract awarded to TWO MIRACLES CONCRETE CORPORATION, Great Falls, Mont., at $23,411, for improving a number of streets.

✚Cathlamet, Wash.—(Official)—Contract awarded to O. P. DOSLAND, Grays River, at $8,497, for portions of State Road No. 19. B. Heron, Audr. Noted Aug. 26.

✚Cheney, Wash.—Contract awarded to MITCHELL BROS. & PAYNE, Spokane, at $37,000 for nine miles of concrete sidewalks for paving First St.

Olympia, Wash.—Bids will be received until Oct. 11 by State Highway Commission for 24 miles of state highway. Estimated cost, $38,000. William R. Roy, State Highway Comr.

✚Pullman, Wash.—Contract awarded to MITCHELL BROS. & PAYNE, Spokane, at $15,265, for concrete sidewalks.

✚Seattle, Wash.—Contract awarded to INDEPENDENT ASPHALT PAVING CO., Northern Bank Bldg., at $234,000, for paving and bridging Admiral Way.

Stevenson, Wash.—All bids received Sept. 2 for Section 2 of Stevenson Carson Rd. rejected. Charles H. Nello, County Audr.

✚Tacoma, Wash.—Contract awarded to WASHINGTON PAVING CO., Savage-Scofield Bldg., Tacoma, at $32,243, by Board of County Commissioners for paving on Summer-Buckley Highway, Permanent Highway No. 7. Noted Sept. 2.

✚Corona, Calif.—City Trustees awarded contract for street improvements to S. C. CONTRACTING CO., at $18,004.

Lindsay, Calif.—City Trustees have authorized paving of Hermosa and Mt. Vernon Ave.

✚Los Angeles, Calif.—Board of Public Works awarded contract for paving Pacific Ave. to FAIRCHILD-GILMORE-WILTON CO., at $92,096. Noted Aug. 12.

✚Manhattan, Calif.—Contract awarded to CROWN CONSTRUCTION CO., at $13,794, for improving 18th and 19th St.

✚Manhattan, Calif.—Contract awarded to CROWN CONSTRUCTION CO., at $7,312, for improving 20th St.

Ontario, Calif.—Bids will be received until Sept. 27 by Board of City Trustees for improving Euclid Ave.

Sacramento, Calif.—Board of Supervisors of Sacramento County has ordered plans for three miles of concrete highway from Franklin to a point near Hood.

✚San Francisco, Calif.—Board of Public Works awarded contract for improving Kansas St. from 19th to 20th St. to SUNSET CONCTRUCTION CO., at $10,144.

✚Stockton, Calif.—City Trustees awarded contract for street improvements to RANSOME-CRUMMEY CO., at $26,025.

Stockton, Calif.—Board of Supervisors contemplates 10 roads at estimated cost of $135,123.

Ventura, Calif.—County Surveyor Petit appointed chief engineer in charge of improved highways for work under bond issue of $1,000,000. Noted Sept. 9.

Peterboro, Ont.—City Council contemplates asphaltic pavement on Half and Hunter St., and concrete sidewalks on several streets. S. R. Armstrong, Clk.

Saanichton, B. C.—City Council will pave Douglas and George St. Estimated cost, $24,500. H. S. Cooper, City Hall, Royal Oak, B. C., Clk.

INDUSTRIAL WORKS

Portland, Maine—Twitchell-Champlin Co. will rebuild its packing plant. Estimated cost, $86,000.

Boston, Mass.—Racich Asbestos Mfg. Co., 141 Summer St., East Boston, will build public garage on Summer St. Frank T. Eskriggo, 17 Milk St., Arch. Estimated cost, $20,000.

✚Cambridge, Mass.—Boston Woven Hose & Rubber Co. awarded contract to STONE & WEBSTER, 147 Milk St., Boston, for four-story and basement, 60x193- and 60x156-ft., concrete factory.

✚Chicopee, Mass.—Contract awarded by Bosch Magneto Co., Center St., to CASPER RANGER CONSTRUCTION CO., Holyoke, at about $100,000 for one-story, 170x300-ft. brick factory.

✚Greendale, Mass.—(Worcester post office)—Contract awarded to E. J. CROSS CO., Foster St., Greendale, at $18,000, by Norton Co., for two-story brick and steel kiln.

Lowell, Mass.—Bay State Cotton Corporation plans two-story and basement addition to its mill. Estimated cost, $100,000.

✚Lowell, Mass.—Contract awarded to NEW ENGLAND CONCRETE CONSTRUCTION CO., 201 Devonshire Co., Boston, for storage warehouse for Appleton Co. on Jackson and Rever St. Estimated cost, $125,000.

Salem, Mass.—Plans prepared by Kilham, Hopkins & Smith, 9 Park St., for brick and concrete factory on Congress St. for Naumkeag Steam Cotton Co. Estimated cost, $53,000.

✚Waltham, Mass.—Contract awarded to APTED & McDUFFEE, 235 Pleasant St., Malden, for brick and steel one-story laundry for Waltham Central Hospital.

✚Wamesit, Mass.—Contract awarded by Avery Chemical Co., Boston, Mass., to CASPER RANGER CONSTRUCTION CO., 101 Park Ave., New York, N. Y., for chemical plant.

Williamstown, Mass.—John S. Boyd Co. plans addition to bleaching plant.

✚Bridgeport, Conn.—Contract awarded to HENRY E. GREEN, for three-story, 60x200-ft., brick addition for the Royal Equipment Co. Noted Sept. 9.

Bridgeport, Conn.—Ashcroft Mfg. Co. will build five-story addition on Nichols St.

Bridgeport, Conn.—Remington Arms-Union Metallic Cartridge Co. will build one-story concrete factory on Arctic St. Estimated cost, $21,000.

✚Higganum, Conn.—Cutaway Harrow Co. awarded contract to H. WALES LINES CO., Meriden, for addition to its factory.

✚Waterbury, Conn.—Contract awarded to TRACY BROS. CO., by Noera Mfg. Co. for one-story, 56x58-ft., brick addition.

✚Amsterdam, N. Y.—(Official)—Contract awarded to TURNER CONSTRUCTION CO., 11 Broadway, New York, by Shuttleworth Bros. Co. for two buildings. One will be six stories, 62x243 ft., other, six stories, 54x170 ft. Noted Aug. 26.

✚Binghamton, N. Y.—Contract awarded to B. KEEIN & CO., at about $15,000 for four-story, 40x100-ft. addition to factory of Crandall Stove Co.

Buffalo, N. Y.—Frank J. Offerman will build four-story factory at 299 Broadway. Estimated cost, $50,000.

Buffalo, N. Y.—Archer-Daniels Linsee Co. will build reinforced-concrete, 75x80-ft., grain elevator, on the upper Buffalo River.

Farmingdale, N. Y.—A. J. Mundorf Co., 254 Fourth Ave., New York, plans 100x125-ft. silk mill.

Gloversville, N. Y.—Contract awarded to WILLIAM STEELE & CO., 1600 Arch St., Philadelphia, by G. Levor & Co., for three-story, 70x80-ft. addition to its tannery.

New York, N. Y.—(Borough of the Bronx)—Harlem Transfer Co., Park Ave. and 135th St., will build 10-story concrete warehouse on Mott Haven Canal.

New York, N. Y.—(Borough of Brooklyn)—American Tobacco Co., 111 Fifth Ave., New York, plans six-story brick building, 200x232 ft., at Park and Nostrand Ave. Estimated cost, $750,000.

New York, N. Y.—(Borough of Brooklyn)—P. & L. Contracting Co. has plans for four-story and basement, 94x140-ft. factory at Atlantic and Cleveland St. Estimated cost, $75,000. M. J. Harrison, Arch.

New York, N. Y.—(Borough of Queens)—American Hard Rubber Co. will build one-story, 41x158-ft. addition to its rubber plant on Third Ave. at Fifth St., College Point. Estimated cost, $15,000.

New York, N. Y.—(Borough of Queens)—De Lisi Bertilino Co., 420 East 64th St., New York, will build a macaroni factory on Ely Ave., Long Island City.

Niagara Falls, N. Y.—Defiance Paper Co. has plans for two-story, 60x80-ft., pulp mill on Walnut St. Estimated cost, $12,000.

✚**Peekskill, N. Y.**—Contract awarded to CATSKILL SUPPLY CO., Catskill, at $20,000, for 46x235-ft. storage building for State Armory Commission, Albany.

Rhinebeck, N. Y.—Bids being received by H. T. Lundberg, Arch., 2 West 42d St., New York, for dairy buildings for Vincent Astor. Estimated cost, $100,000.

Rochester, N. Y.—William H. Burt Iron & Steel Co. has secured a site at Scherer and Pomeroy St. and will build a one-story, 100x200-ft. factory.

Rushville, N. Y.—Calder & Son has secured a site and will build brick canning factory.

✚**Syracuse, N. Y.**—Fleischmann Co. awarded contract to HENRY FUNDA for distributing plant on East Genesee St. Noted Aug. 5.

Camden, N. J.—Armstrong Cork Co. will build two-story, 94x226-ft. factory.

Elizabeth, N. J.—Metal Plating Co., 200 Fifth Ave., New York, N. Y., plans factory on North Ave.

Hackensack, N. J.—(Official)—The American British Mfg. Co., Bridgeport, Conn., denies the rumor that it contemplates the construction of a plant here. Noted Aug. 19 and Sept. 2.

✚**Jersey City, N. J.**—(Official)—Contract awarded to TURNER CONSTRUCTION CO., 11 Broadway, New York, N. Y., by Great Atlantic & Pacific Tea Co., for four-story bakery at Warren, First and Bay St.

Newark, N. J.—Maas & Waldstein, Ave. R and Central R.R., will build three buildings to its plant at estimated cost of $30,000.

Vineland, N. J.—William T. Taubel Hosiery Co. will build addition. Estimated cost, $26,000.

✚**Ardmore, Penn.**—Contract awarded to WILLIAM R. DOUGHERTY, at about $75,000, for five-story factory for Autocar Co. Stearns & Castor, Arch.

Bangor, Penn.—Flory Milling Co. plans addition to flour mill. Estimated cost, $20,000.

Chester, Penn.—Keystone Steel Casting Co. will build addition to its steel plant.

✚**Erie, Penn.**—Contract awarded to HENRY SCHENK CO., at about $90,000, by Erie Silk Mills for one-story, 144x144-ft. steel addition to its mill on West 26th St.

Freemansburg, Penn.—Peuckert & Wunder, 310 Chestnut St., Philadelphia, prepared plans for one- and two-story, 242x75-ft. and 100x75-ft. brick and steel factory for William Shimer & Sons Co.

✚**Norristown, Penn.**—Contract awarded to JACOB MYERS SONS & CO., for four-story, 55x120-ft., laundry for O. P. Duckworth.

Philadelphia, Penn.—American Ice Co. preparing plans for enlarging its manufacturing plant at Belfield Ave. and Reading R.R., Germantown.

Philadelphia, Penn.—Plans prepared for mill on Front and Blair St. for Byrne & Hance.

✚**Philadelphia, Penn.**—Contract awarded to H. C. REA CO., at about $110,000 for six-story factory at 11th and Race St. for Manufacturers Realty Co.

Pittsburgh, Penn.—George Hogg Co. will build oxygen plant at Grant St. and Katz Ave., Verona section. International Oxygen Co., 115 Broadway, New York, N. Y., is interested.

Pottstown, Penn.—Bids will soon be received for two-story, 60x100-ft., brick and concrete ice-cream factory for William S. Markley. Lachman & Murphy, Witherspoon Bldg., Philadelphia, Arch.

Punxsutawney, Penn.—Jefferson Macaroni Co. is having plans prepared for addition to its factory.

South Bethlehem, Penn.—Bethlehem Steel Co. will add three stories to its No. 2 machine shop.

Woodlawn, Penn.—Jones & Laughlin plans pipe mill for manufacture of steel pipe.

Baltimore, Md.—Baltimore Tube Co. has plans for one-story, 77x141-ft., brick addition to its plant on Winomico St. Estimated cost, $100,000.

Baltimore, Md.—Standard Guano Co. will enlarge its factory at estimated cost of $100,000.

Cumberland, Md.—American McKenna Process Co. purchased site along B. & O. tracks on Maryland Ave. and will build factory for manufacture of steel rails. Estimated cost, $150,000.

✚**Norfolk, Va.**—Contract awarded to BAKER & BRINKLEY, at $15,050, by Norfolk Warehouse Corporation for one-story brick warehouse.

Norfolk, Va.—A. B. Rosenkrans plans one-story brick warehouse on Scott St. to be occupied by Gyro Metal Works Co. Estimated cost, $15,000.

Berkeley Springs, W. Va.—Berkeley Springs Sanatorium Co. will build factory for manufacture of hospital supplies.

Wheeling, W. Va.—Wheeling Mold & Foundry Co. plans addition to its foundry.

Wheeling, W. Va.—Wheeling Corrugating Co., Arthington St. and Campbell Ave., will build four-story concrete addition to its factory. Estimated cost, $200,000.

Charlotte, N. C.—Virginia Carolina Chemical Co. plans warehouses.

Charlotte, N. C.—A. A. Shuford Mill Co. has plans for 50x100- and 50x200-ft. brick addition.

Hickory, N. C.—Highland Cordage Co. plans two-story, 75x100-ft. brick cordage factory at estimated cost of $125,000. Charles H. Geitner, Pres.

✚**Winston-Salem, N. C.**—Contract awarded to FISKE-CARTER CO., Greenville, S. C., at about $70,000, by R. J. Reynolds Tobacco Co. for two-story, 176x264-ft. concrete storage plant.

Hogansville, Ga.—International Cotton Mills Co. will double the capacity of its mill. Estimated cost, $300,000.

✚**Savannah, Ga.**—Contract awarded to O. OTTO, Germania Bank Bldg., Savannah, at about $35,000, by National Biscuit Co., for one- and two-story warehouse.

✚**Jacksonville, Fla.**—Contract awarded to HILLYER & SPERRING, at about $31,000, for cotton warehouse for Port Commission.

Mobile, Ala.—Terminal Transfer & Storage Co., according to press reports, will build terminal plant on 32-acre site on water front for cold storage.

New Orleans, La.—Plans being prepared for syrup-canning factory for Langhoff Bros. Co. Estimated cost, $100,000. Charles Langhoff, Mgr.

Louisville, Ky.—W. L. Martin Broom & Mop Co., 1010 South Preston St., plans broom factory. Estimated cost, $18,000.

Canton, Ohio—Bonnot Co. will build one-story, 40x160-ft., brick and steel addition to its shop on Mulberry Rd. Estimated cost, $20,000.

Cincinnati, Ohio—Homan Mfg. Co. will build addition to its factory for manufacture of candle-molding machinery.

Cincinnati, Ohio—Citizens' Artificial Ice Co. has plans for 100x100-ft. brick and steel ice factory on Jefferson St. Estimated cost, $45,000. Joseph Reickert, Pres.

Cleveland, Ohio—Weideman Co., West Ninth St. and Mandrake Ave., has taken over business of Miller-Everhard Co. and will build seven-story and basement, 88x90-ft., building for bakers' supplies. Estimated cost, $100,000.

Cleveland, Ohio—Ernest McGeorge, Leader-News Bldg., preparing plans for addition to factory of Oster Mfg. Co., East 61st St. Estimated cost, $40,000.

Cleveland, Ohio—American Express Co. will build one-story, 120x150-ft. garage at Lakeside and 17th St. A. E. Skeel, 20 Second Ave. Bldg., Cleveland, Arch. Estimated cost, $30,000.

Cleveland, Ohio—Bamberger-Teinthal Co., 2621 East Ninth St., will build knitting mill at East 27th St. and Payne Ave. Estimated cost, $100,000.

Columbus, Ohio—J. N. Bradford, Arch. of Ohio State University, has prepared plans for machine shop for Ohio State University. Building will be two stories and basement. Estimated cost, $135,000.

Elyria, Ohio—Elyria Tire & Rubber Co., E. G. Parshall, 845 Bloomfield Ave., Akron, in charge, will build two-story, 60x200-ft., factory.

Elyria, Ohio—Willys-Overland Co. will build factory. Estimated cost, $30,000.

Mogadore, Ohio—Bids being received by Granite Clay Co., W. N. Palmer, Secy., 315 Hamilton Bldg., Akron, for two-story and basement, 125x310-ft. sewer-pipe factory.

Springfield, Ohio—Robert C. Gotwalk, 54 Gotwalk Bldg., receiving bids on one-story, 42x210-ft. foundry addition for Nolte Brass Co., 27 West Jefferson St. Estimated cost, $25,000.

Toledo, Ohio—Gartland Foundry Co. will build one-story brick addition to its foundry at 1811 Starr Ave. Estimated cost, $30,000.

Wooster, Ohio—Wayne China Co. plans 80x400-ft. pottery.

Columbus, Ind.—Plans prepared for four-story, 48x240-ft. addition to the tannery of W. W. Mooney & Sons.

Marion, Ind.—U. S. Specialty Co. plans three-story, 60x157-ft. brick addition to its factory on Factory Ave.

Kalamazoo, Mich.—Fuller & Sons Mfg. Co. plans four-story, 61x100-ft. brick addition to its factory.

Chicago, Ill.—Siegel-Hechinger Packing Co., 910 West 38th St., will build two-story, 56x66-ft. brick packing plant on 38th St. H. P. Henschien, Old Colony Bldg., Arch. Estimated cost, $25,000.

Chicago, Ill.—Pulverized Manure Co., Union Stock Yards, will build one-story, 85x130-ft., brick warehouse at West Morgan and 25th St. Estimated cost, $15,000.

Chicago, Ill.—Wheelock & Shank, 64 West Randolph St., prepared plans for six-story, 125x125-ft., brick and concrete publishing plant for Methodist Book Co. at Superior and Rush St. E. R. Graham, 1018 South Wabash Ave., in charge.

✚**Chicago, Ill.**—(Official)—Contract awarded to MEILING & CO., 139 North Clark St., Chicago, for six-story warehouse for Wheeling Corrugating Co. Noted Aug. 19.

Chicago, Ill.—Weller Mfg. Co. will build two-story warehouse on North Kestner Ave. R. A. Kirkpatrick, Arch. Estimated cost, $20,000.

✚**Peoria, Ill.**—Contract awarded to V. JOBST & SONS CO. by Oakford & Fahnestock Co. for first section of warehouse on Commercial St.

✚**Milwaukee, Wis.**—Contract awarded to BARNETT-RECORD CO., Minneapolis, Minn., at $525,000 for grain elevator on Kinnickimnic River for North Western R.R. Co.

Keokuk, Iowa—G. E. Weissenburger, John Dillon and others, Yonkers, N. Y., are interested in establishment of plant for manufacture of raw steel. Estimated cost, $90,000.

Waterloo, Iowa—Kelly Mfg. Co., Miles and McKinley St., will rebuild its factory, recently destroyed by fire. Estimated cost, $101,000.

✚**Waterloo, Iowa**—Contract awarded to T. S. LEAKE & CO., Chicago, Ill., at $180,000 by Illinois Central R.R. Co. for improvements to its shops.

Minneapolis, Minn.—J. F. McCrea will build two-story, brick and concrete warehouse at 17 Western Ave. Estimated cost, $15,000.

✚**Minneapolis, Minn.**—Contract awarded to BARNET-RECORD CO., Minneapolis, for grain elevator at Second and Fourth Ave. for Pillsbury Flour Mill Co.

Atchison, Kan.—Press reports state Standard Oil Co. plans to build warehouse. Estimated cost, $50,000. J. W. Powers, St. Joseph, Mo., District Mgr.

Billings, Mont.—J. I. Case Threshing Machine Co. will spend $100,000 for construction of two-story addition. O. J. Thomas, Mgr.

Missoula, Mont.—Olson & Johnson Co. contemplates building warehouse. Estimated cost, $20,000.

Hannibal, Mo.—Plans being prepared for plant for Hannibal Wire Fabric Co. Estimated cost, $30,000.

Kansas City, Mo.—White & Dean, 311 Bellefontaine Ave, preparing plans for two-story, 65x100-ft. reinforced-concrete garage on East 17th St. Estimated cost, $20,000.

✚Kansas City, Mo.—(Official)—Contract awarded to C. C. PETERSON & SON, Midland Bldg., Kansas City, at $12,000 for two-story warehouse for Freeman & Duncan Realty & Transfer Co. Noted Aug. 21.

St. Louis, Mo.—Ford Motor Car Co. will build assembling plant at Sarah St. and Forest Park Blvd. Estimated cost, $250,000.

Argenta, Ark.—Bids will soon be received for factory for Arkansas Fertilizer Co. for manufacture of sulphuric acid. Estimated cost, $100,000.

Pine Bluff, Ark.—Texas Co. will build oil distributing plant. Estimated cost, $15,000.

✚Dallas, Tex.—Contract awarded to W. C. HEDRICK CO., at about $40,000 by D. E. Johnson for four-story, brick and concrete storage warehouse.

El Paso, Tex.—James L. Marr is having plans prepared for warehouse. Estimated cost, $65,000.

Galveston, Tex.—Plans being prepared for rebuilding packing plant of Armour Packing Co., recently destroyed by fire. Building will be two stories, reinforced concrete. Estimated cost, $60,000. E. T. Slaton, Mgr.

✚Henrietta, Tex.—Contract awarded to AUSTIN BROS., Dallas, at about $30,000, for factory and warehouse for Henrietta Window Glass Co.

✚Houston, Tex.—Contract awarded to J. STRADLER, at $20,000 for two-story warehouse at Vine and Shea St. for J. F. Garret.

San Antonio, Tex.—Luck Tire & Mfg. Co., according to press reports, will build factory for manufacture of puncture proof tires. Estimated cost, $12,000.

✚Allen, Okla.—Contract awarded to A. F. VANDERSELL, Oklahoma City, at $10,000 for oil refinery for Allen Commercial Club.

Jennings, Okla.—Plans being prepared for oil refinery for Mid-Continent Refinery Co. with capacity of 2,500 bbl. Estimated cost, $100,000. J. J. Fitzpatrick, Pres.

✚Salt Lake City, Utah—Contract awarded to BUELL CONSTRUCTION CO., Chicago, Ill., at about $75,000, for three-story, 137x166-ft. concrete warehouse on Second South St. for Jennings & Hanna Investment Co. Noted Aug. 12.

Seattle, Wash.—(Official)—Bids will be received about Oct. 1 by Bebb & Gould, Arch., for eight-story, 72x242-ft. building for Times Publishing Co. Noted Aug. 5.

Eugene, Ore.—Allen & Lewis Co., Portland, will build two-story warehouse at Fifth and Pearl St. Estimated cost, $25,000.

Portland, Ore.—Oregon Packing Co. purchased 7½ acre site in Kenton factory district and will build fruit and vegetable packing plant. Estimated cost, $125,000.

Oakland, Calif.—California Steel Co. plans steel plant on Harrison St., near First St. E. H. Frisell, Pres.

Pomona, Calif.—Indian Hill Citrus Association will build pre-cooling plant. Estimated cost, $50,000.

Victorville, Calif.—Southwestern Portland Cement Co., El Paso, Tex., will build new plant for manufacture of cement. Estimated cost, $500,000.

Halifax, N. S.—Imperial Oil Co. plans asphalt plant and fuel oil refinery. Estimated cost, $400,000.

Amherstburg, Ont.—Falls Barron Co. has plans for cold-storage plant. Cost, $10,000.

London, Ont.—Wortman & Ward Co. has plans for addition to its pump factory. Estimated cost, $20,000.

FEDERAL GOVERNMENT WORK

Alterations—Boston, Mass.—Bids received Sept. 14 by Acting Supervising Architect, Washington, D. C., for new partitions, alterations, etc., in the U. S. Customhouse, Boston, Mass., from: George A. Fuller Co., Boston, Mass., $11,136; Neptune B. Smyth, Inc., New York, N. Y., $9,889; Conners Bros. Co., New York, N. Y., $10,600. Noted Sept. 2.

Elevator Plant—Boston, Mass.—Bids will be received until 3 p.m., Oct. 8, by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., for electric elevator plant in U. S. appraisers' stores, Boston, Mass.

✚Post Office—North Attleboro, Mass.—Contract for U. S. post office at North Attleboro, Mass., awarded to JAMES A. MUNROE, North Attleboro, at $50,500. Noted July 8 and Aug. 19.

Telephones, Etc.—New London, Conn.—Bids will be received until 11 a.m., Oct. 2, by H. R. Stanford, Ch., Bureau of Yards and Docks, Navy Dept., Washington, D. C., for four telephones, electric fixtures and wiring at Naval Station, New London.

★Air Compressors—Buffalo, N. Y.—Bids will be received until 2 p.m., Oct. 4, by Lighthouse Inspector, Buffalo, N. Y., for four air-compressor units for fog-signals at Cleveland and Ashtabula, Ohio.

Post Office—Gouverneur, N. Y.—Bids received Sept. 10 by Acting Supervising Architect, Washington, D. C., for post office at Gouveneur, N. Y., (a) limestone, (b) sandstone, from: W. H. Fissell & Co., New York, (a) $54,300, (b) $56,300; James Devault, Canton, Ohio, (a) $52,000, (b) $53,750; William H. Egan, New York, (a) $52,888; (b) $53,900. Noted Aug. 5.

Heating—New York, N. Y.—Bids received Sept. 10 to James A. Wetmore, Act. Superv. Arch., Washington, D. C., for heating alterations in New York post office, from: William J. Sivany, New York, $8,900; Walker & Chambers, New York, $8,760; Almirall & Co., New York, $8,345.

Bonthouse—Oswego, N. Y.—Bids will be received until 2 p.m., Oct. 4, by United States Coast Guard, Treasury Dept., Washington, D. C., for boathouse and accessories at Oswego Coast Guard Station, Oswego, N. Y. D. P. Foley, Asst. Capt. Commandant, Coast Guard.

★Stone Repairs—Cold Spring, N. J.—Lowest bid received for stone repairs to jetty at Cold Spring Inlet was that of Coast & Lakes Repairing Co., New York, N. Y., at $29,520. Noted Aug. 5.

Post Office—Monongahela, Penn.—Bids will be received until 3 p.m., Oct. 27, by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., for U. S. post office at Monongahela, Penn.

✚Air Compressors—Pittsburgh, Penn.—Contract for air compressors, gas engine, turbine, electric-light plant, etc., at Lock No. 6, Monongahela River, awarded to HALL STEAM PUMP CO., Pittsburgh, at $4,444. Noted July 29 and Sept. 9.

✚Houses—Pittsburgh, Penn.—Contract for building two brick houses for lockkeepers at Dam No. 10, Ohio River, awarded to E. M. EVERSON, Brilliant, Ohio, at $11,100. Noted July 29 and Sept. 9.

★✚Lock Gates, Etc.—Pittsburgh, Penn.—Contracts for steel lock gates, valves, and lock-operating machinery at Lock No. 6, Monongahela River, awarded to THOMAS CARLIN SONS CO., Pittsburgh, at $7,600 for Section A, and to UNION FOUNDRY & MACHINE CO., Pittsburgh, at $13,557 for Section B Noted July 29 and Sept. 9.

Dredging—Baltimore, Md.—Bids were received Sept. 13 by U. S. Engineer, Baltimore, for dredging in rivers and harbors on east shore of Chesapeake Bay from: Maryland Dredging and Contracting Co., Baltimore, 26.5c. per cu.yd. (recommended for acceptance); Dorey & Miller Co., Washington, D. C., 27.75c.; River and Harbor Improvement Co., Philadelphia, Penn., 27c.; Norfolk Dredging Co., Norfolk, Va., 29c. Noted Aug. 19.

✚Derrick Boat—Washington, D. C.—Contract for steel derrick boat awarded to DRAVO CONTRACTING CO., Pittsburgh, Penn., at $24,300. Noted July 29 and Sept. 2.

Grading—Washington, D. C.—Bids will be received until 2 p.m., Oct. 4, by Secretary of District Commissioners, Room 509 District Bldg., for approximately 19,500 cu.yd. grading on several streets.

Pumping Unit—Washington, D. C.—Bids will be received until 2 p.m., Oct. 11, by Commissioners of the District of Columbia for one steam turbine-driven, centrifugal pumping unit. Capacity, 5,000,000 gal. in 24 hr.

✚Post Office—Charlotte, N. C.—James A. Wetmore, Act. Superv. Arch., awarded contract for post office at Charlotte, sandstone construction, to J. A. JONES & CO., Charlotte, at $207,000. List of bids noted Sept. 16.

✚Bulkhead and Dock—Charleston, S. C.—Lighthouse Inspector awarded contract for bulkhead and dock for Sixth District lighthouse depot to CHARLESTON ENGINEERING & CONTRACTING CO., Charleston, at $8,745 and $46,418 respectively. Noted Aug. 5.

Cell Fronts, Locking Devices—Atlanta, Ga.—Bids received Sept. 10 by Superintendent of Prisons, Dept. of Justice, Washington, D. C., for steel cell fronts, and mechanical locking device at U. S. Penitentiary, Atlanta, Ga., (a) and (b), from: Mesker Bros. Iron Co., St. Louis, Mo., (a) $17,125, (b) $15,875; Van Dorn Iron Works, Cleveland, Ohio, (a) $25,815, (b) $22,120; A. F. Wagner, Architectural Iron Works, Milwaukee, Wis., (a) $22,415, (b) $21,375.

★✚Post Office—Palatka, Fla.—Contract for post office at Palatka, Fla., awarded to WESTCHESTER ENGINEERING CO., White Plains, N. Y., at $39,562. Noted July 22 and Sept. 9.

Attendants' Quarters—Tampa, Fla.—Bids were received Sept. 20 by Acting Supervising Architect, Washington, D. C., for construction of attendants' quarters, disinfecting shed, oil house and wharf at Tampa Bay from: A. Bassford, Tampa, $53,740; E. Hart, Norfolk, Va., $52,110; Algernon Blair, Montgomery, Ala., $54,000. Noted Aug. 26.

Levee Work—New Orleans, La.—Bids will be received until 11 a.m., Sept. 28, at U. S. Engineer Office, Queen and Crescent Bldg., New Orleans, for about 1,093,400 cu.yd. earthwork in Lower Tensas and Atchafalaya levee districts.

★Post Office—Newcastle, Ind.—Bids will be received until 3 p.m., Oct. 27, by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., for U. S. post office at Newcastle, Ind.

Post Office—Seymour, Ind.—Bids will be received until 3 p.m., Oct. 30, by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., for U. S. post office at Seymour.

Structural Steel—Leavenworth, Kan.—Bids received Sept. 10 by Superintendent of Prisons, Dept. of Justice, Washington, D. C., for structural steel, reinforcing material, etc., for cell blocks in Leavenworth Prison, from: Mesker Bros. Iron Co., St. Louis, Mo., $43,575; Crown Iron Works, Minneapolis, Minn., $48,668; St. Paul Foundry Co., St. Paul, Minn., $55,880.

Canal—Powell, Wyo.—Bids will be received until 2 p.m., Oct. 20, by United States Reclamation Service, Powell, Wyo., for canal and structures on the Shoshone Project, Wyoming. Work includes 560,000 cu.yd. excavation, 1,400 cu.yd. reinforced concrete, 9,000 sq.yd. grouted paving and placing in structures about 130 M. ft., b.m., of lumber. A. P. Davis, Ch. Engr., Reclamation Ser.

Building—Kirksville, Mo.—Bids will be received until Oct. 28 by Supervising Architect, Treasury Dept., Washington, D. C., for U. S. public building at Kirksville, Mo.

Remodeling Post Office—Moberly, Mo.—Bids will be received until 3 p.m., Oct. 15, by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., for extension and remodeling of U. S. post office at Moberly.

★✚**Post Office**—Grand Junction, Colo.—Contract for post office at Grand Junction, Colo., awarded to DIETER & WENZEL CONSTRUCTION CO., Wichita, Kan., at $106,821. Noted July 22 and Sept. 2.

Buildings—Bremerton, Wash.—Bids received Sept. 11 by Bureau of Yards and Docks, Washington, D. C., for one steel shell house, and two brick magazines at Puget Sound Navy Yard, from: Booker, Kiehl & Whipple, Seattle, $33,857; Arvid Levergreen, Seattle, $36,440; Martin & Dugan, Seattle, $34,913. Noted Aug. 12.

Naval Improvements—Pearl Harbor, Hawaii—Bids were received Sept. 18 by Bureau of Yards and Docks, Washington, D. C., for improvements at Naval Station, Pearl Harbor, consisting of wharf, torpedo-boat piers and marine railway. Bids were asked as follows: (a) Wharf complete, (b) piers Nos. 1, 2, 3 and 4; (b1) piers Nos. 1, 2 and 3; (b2) piers Nos. 1 and 2; (b3) price per lin.ft. increase or decrease in length of concrete piles. Bids were received from: Spalding Construction Co., Rialto Bldg., San Francisco, Calif., (a) $163,966; (b) $118,943; (b1) $90,320; (b2) $61,503; (b3) $1.50. Hawaiian Dredging Co., Honolulu, Hawaii, (a) $155,000; (b) $113,953; (b1) $85,870; (b2) $58,800; (b3) $1.40. John Monk, Sharon Bldg., San Francisco, Calif., (b) $134,000; (b1) $119,000; (b2) $86,000; (b3) $1.50.

Town Improvements—Anchorage, Alaska—Townsite of Anchorage, Alaska, under supervision of Alaskan Engineering Commission, contemplates town improvements, water works, electric-power plant, telephone, sewers and street improvements. J. G. Watts, Townsite Engr., would like catalogs and other information.

MISCELLANEOUS

Drydock—Boston, Mass.—Contract will probably be awarded to Holbrook, Cabot & Rollins for drydock by Executive Council.

Barge Canal Work—Albany, N. Y.—(Official)—Bids were received Sept. 14 by W. W. Wotherspoon, State Supt. of Pub. Wks., for Contract L, Cryuga and Seneca Canal: Scott Bros., Rome, at $59,928; Chesley, Earl & Heimbach, Inc., Buffalo, $62,046, and Stanley Construction Co., Buffalo, $63,061; and for Terminal Contract 40: J. E. Bishop, Syracuse, $25,515, was low bidder.

Freight Shed—New York, N. Y.—(Borough of Brooklyn)—(Official)—Bids will be received until noon, Oct. 1, by R. A. C. Smith, Comr. of Docks, Pier A, Manhattan, for Contract No. 1473 for freight shed on pier near 35th St.

Freight Shed—New York, N. Y.—(Borough of Brooklyn)—(Official)—Snare & Triest, New York, at $213,370, low bidder for dock freight shed on pier at 30th St. Noted Sept .9.

Pier—New York, N. Y.—(Borough of Brooklyn)—Sinking Fund Commission will build new pier near pier at Dreamland Park, Coney Island. R. A. C. Smith, Dock Comr.

✚**Ballast—New** York, N. Y.—(Borough of Manhattan)—(Official)—Contracts awarded by Public Service Commission to UPPER HUDSON STONE CO., at $228,010 for (a), and to HAVERSTRAW CRUSHED STONE CO., at $26,320 for (b), for stone. Contract (c), awarded by Commission to Upper Hudson Stone Co. withdrawn and bids will be readvertised. Noted Sept. 16.

Extending Pier—New York, N. Y.—(Borough of Manhattan)—(Official)—Bids will be received until noon, Sept. 28, by R. A. C. Smith, Comr. of Docks, Pier A, Manhattan, for extending Pier 22, near Jay St., North River.

Creek Improvements—North Tonawanda, N. Y.—Bids were received by Superintendent of Public Works for improving Sawyer's Creek: H. S. Kerbaugh, Inc., Buffalo, $9,800, and Eastover Construction Co., Inc., Utica, $10,200.

✚**Jetties**—Atlantic City, N. J.—Contract awarded to J. W. INGERSOLL, at $22,034, for jetties at Iowa and Boston Ave. John W. Hackney, City Engr.

Inland Waterway—Brielle, N. J.—Bids will soon be received by New Jersey State Commerce & Navigation Board for Barnegat Bay-Manasuan River inland waterway, to form link in Cape May canal.

Pier—Camden, N. J.—Harbor Commissioner plans pier at 28th St. L. H. Farnham, City Engr.

Meter Repair Station—Newark, N. J.—Bids will be received until Sept. 30 for meter repair station at 14th Ave. and South Eighth St. for Water Department. M. R. Sherrerd, Ch. Engr. Estimated cost, $21,000.

Bulkhead—Eddystone, Penn.—Baldwin Locomotive Works contemplates bulkhead on Delaware River. Estimated cost, $200,000.

Flood Protection—Erie, Penn.—Surveys being made for improvement of Mill Creek by Farley Gannett, Harrisburg. B. E. Briggs, City Eng. Noted Aug. 26.

Dam—Green Lane, Penn.—State surveyors making surveys for rebuilding Klondike dam, which was recently broken.

Coal Storage—Philadelphia, Penn.—Bids will be received until Sept. 30 for coal storage and appliances for Queen Lane pumping station, at Ridge Ave. and School Lane for Department of Public Works. J. S. Ely, Asst. Engr.

Superstructures—Philadelphia, Penn.—Bids will be received until Oct. 21 by A. M. Taylor, Dir. Dept. of City Transit, for superstructures of Frankford Elevated line.

✚**Tunnel**—Rittersville, Penn.—(Allentown post office)—Contract awarded to W. A. STEIN & CO. for concrete tunnel at State Homeopathic Hospital.

✚**Bulkheads**—Jacksonville, Fla.—Contract awarded to WADE, POWERS & WADE, Jacksonville, for sheet steel piling and wood work for bulkhead for Commodore's Point Terminal Co. Noted Aug. 12.

✚**Canal**—Parish, Fla.—Contract awarded to EDGAR CHAPMAN, Plant City, at about $125,000, for canal work in Gamble Creek Drainage District. Noted July 29.

Barge Line—Shreveport, La.—Press reports state Shreveport contemplates barge line between Shreveport and New Orleans. J. B. Arkis and J. B. Atkins, interested.

Underground Passage—Cincinnati, Ohio—Joseph G. Steinhamp & Bro., Cincinnati, and B. Kingston Hall, New York, N. Y., prepared preliminary plans for underground parking system for automobiles.

Levee Bonds—Portsmouth, Ohio—Bonds for $70,000 for levee work will be sold Oct. 5 by George L. Gableman, City Audr.

Soldiers Monument—Bloomfield, Ind.—Green County Council voted $25,000 bonds for soldiers' monument.

Dock—Peoria, Ill.—Citizens contemplate dock at Cedar St and river.

Harbor Improvements—Milwaukee, Wis.—Harbor Commission will ask for appropriation of $200,000 for harbor improvements.

Sea Wall—Muscatine, Iowa—Vertical sea wall will be built along Mississippi River. J. Kimball, Davenport, Engr.

Ditch—Mankato, Minn.—County Ditch No. 38 will be built at estimated cost of $98,107. It will be 28 miles long.

Drainage—Strong City, Kan.—Surveys made for drainage district in Chase County.

Drainage—Tekamah, Neb.—(Official)—Bids will be received until noon, Oct. 2, by Towl Engineering Co., Omaha, for 500,000 cu.yd. of excavation on old ditches and 300,000 cu.yd. of new excavation.

Drainage—Harrisonville, Mo.—Citizens of Cass and Bates Counties plan drainage district to drain about 20,000 acres along Grand River. J. H. McCulloh, Garden City, interested. Estimated cost, $250,000.

Flood Protection—Kansas City, Mo.—Surveys will be made for flood protection work on Turkey Creek.

Subway—St. Louis, Mo.—St. Louis Subway & Elevated Corporation being formed and will build subway to downtown section. James D. Houseman, F. E. Niesen, Bank of Commerce Bldg., J. E. Hereford, Pres. Trust Co. of St. Louis County, and others, interested.

Ditches—Pocahontas, Ark.—(Official)—Bids will be received until Oct. 1 by T. Z. Johnson for ditches in Township 18, about 83,371 cu.yd. of earth removal.

Wharf—Beaumont, Tex.—According to press reports bids being received by Wharf & Dock Commission for second unit of Municipal Wharves.

Drainage—Cuero, Tex.—Bonds for $30,000 sold by De Witt County for Drainage District No. 1.

Dock—Maryhill, Wash.—Concrete dock will be built by Portland Dock Commission.

Swimming Pool—Spokane, Wash.—City Council plans swimming pool at estimated cost of $10,000. G. W. Duffy, City Clk.

✚**Dock**—Portland, Ore.—Contract awarded to J. A. BACKSTRAND, at $12,150, for municipal dock at Stark St.

✚**Levees**—Arbuckle, Calif.—Contracts awarded for levee work as follows: ASA KALFSBECK, at $4,502, for work along Baldson lands; W. T. WILKINS & SON, at $8,040, for work from Sachreiter line on Sycamore slough to Hannum bridge, and to W. T. WILKINS, at $4,500 for work in District 108.

BUILDINGS

Other items relative to Building Construction will be found under the following headings: "Industrial Works;" "Federal Government Work" and "Miscellaneous."

✚**Thomaston, Maine**—Contract for municipal building awarded J. W. BISHOP CO., Worcester, Mass. Estimated cost, $50,000.

Boston, Mass.—Bids will be received by City Hospital Department until Sept. 25 for additions to 11 hospitals. Wells & Dana, 29 Central St., Arch.

✚**Boston, Mass.**—Contract for store and office building for High St. Trust awarded JAMES BLACK MASONRY & CONTRACTING CO., Boston. Noted July 29.

★✚**Boston, Mass.**—Contract for Administration Building on Fruit St. for General Hospital awarded NORCROSS BROS., Tremont Bldg., Boston. Estimated cost, $150,000.

Brockton, Mass.—Bids will be received about Oct. 5 for theater, store and office buildnig for Crescent Amusement Co., Boston. Estimated cost, $400,000.

✚**Brockton, Mass.**—Contract for theater at Main and School St. for Empire Theater Co. awarded DAVID IRVING CO., 31 High St. Estimated cost, $40,000.

✚**Cambridge, Mass.**—City of Cambridge awarded contract for hospital and boiler house to WALSH BROS., Cambridge, at $78,000. Noted Sept. 16.

Chelsea, Mass.—Bids will be received by the Mayor until Sept. 30 for three-story addition to Williams School. Estimated cost, $112,000. Wilham & Hopkins, Boston, Arch. Noted July 29.

Chicopee, Mass.—Congregation St. Stanislaus Polish Church will build new school. Lawrence Cyman, Pastor.

Danvers, Mass.—Town plans to build high school Estimated cost, $130,000.

Dedham, Mass.—Bids will be received until Sept. 25 by James G. Hutchison, Arch., 101 Tremont St., Boston, for building for Deham Masonic Lodge. Estimated cost, $40,000.

Foxboro, Mass.—Bids were received for connecting corridor at Foxboro State Hospital for Commonwealth of Massachusetts as follows: James A. Munroe, $42,812; C. S. Cunningham & Sons Construction Co., $42,812; D. L. Shepherd, $44,000.

✚**Lynn, Mass.**—(Official)—Contract for three-story, 104x133-ft., market building for J. B. Blood & Co., Ellis and Silsbee St., awarded TURNER CONSTRUCTION CO., 11 Broadway, New York.

Marlboro, Mass.—School Committee approved plans of J. F. Simpson, Arch., Newark, N. J., for new school. Estimated cost, $40,000.

✚**New Bedford, Mass.**—Contract for Maternity Building at St. Lukes Hospital awarded J. W. BISHOP CO., Worcester Estimated cost, $50,000.

Salem, Mass.—Naumkeag Steam Cotton Co. will build office building at Congress and Lynch St. Estimated cost, $53,000.

Worcester, Mass.—Burgess & Land, Boston, Mass., plans seven-story business block at Federal St. and Allen Court.

✚Providence, R. I.—Contract for 18-room school at Beaufort St. and Mt. Pleasant Ave awarded HOPE BUILDING CO., 87 Weybosset St., Providence, at $144,435. Noted Aug. 26.

Providence, R. I.—Bids will soon be received for two-story, 128x139-ft., church for Central Baptist Society. Jackson, Robertson & Adams, 1216 Turks Head Bldg., Arch.

★Albany, N. Y.—(Official)—Bids will be received until 3 p.m., Oct. 5, by Trustees of Public Buildings, Executive Chamber, Capitol, Albany, for alterations in Capitol. Noted Aug. 12.

East Aurora, N. Y.—Plans prepared by Harris & Merritt, Arch., Buffalo, for high school. Estimated cost, $110,000.

Hicksville, N. Y.—Plans being prepared by Holmes & Winslow, Arch., 103 Park Ave., New York, for building for Bank of Hicksville.

New York, N. Y.—(Borough of Manhattan)—Plans prepared by William H. Birkmire, Arch., for 12-story mercantile building at 53-57 West 23d St. through to 34 West 24th St. for Nameloc Co. Estimated cost, $300,000.

New York, N. Y.—(Borough of Manhattan)—Plans prepared by Ernest Flagg, Arch., for eight-story hospital on Broad St. Estimated cost, $150,000.

✚New York, N. Y.—(Borough of Manhattan)—(Official)—Contract for office building at 42d St. and Madison Ave. for August Heckscher, 576 Fifth Ave., awarded to RUSSELL B. SMITH, 305 Madison Ave. Estimated cost, $600,000.

✚New York, N. Y.—(Borough of Manhattan)—(Official)—Contract for loft building at 27 Cliff St. for 27 Cliff Street Corporation, 431 West 14th St., awarded STANDARD CONCRETE STEEL CO., 413 East 31st St. J. S. Maher, 431 West 14th St., Arch.

Rochester, N. Y.—Plans being prepared by Komes & Kauzor, Arch., Pittsburgh, Penn., and C. W. Eldridge, Assoc. Arch., Rochester, for parish house and church for Holy Rosary congregation. Estimated cost, $60,000.

Bayonne, N. J.—Board of Education plans to rebuild Public School No. 4. Estimated cost, $130,000. Noted July 29.

Elizabeth, N. J.—National Bank of Elizabeth contemplates new building. Estimated cost, $75,000.

Jersey City, N. J.—Date for receiving bids for county jail for Hudson County extended to 3 p.m., Oct. 7. Noted Sept. 2.

✚Jersey City, N. J.—Contract for Public School No. 5, Smith and Robert St., North Bergen, awarded J. J. MARIONE CONSTRUCTION CO., at $65,480.

Newark, N. J.—Members of Salaam Temple, Nobles of Mystic Shrine, contemplate mosque. Estimated cost, $250,000. A. C. Snyder, Second Ave., Chn. Bldg. Com.

Philadelphia, Penn.—Abel Bottoms & Sons Co., at $59,989, submitted the lowest bid for addition to McIntyre School, 39th and Gordon St.

✚Philadelphia, Penn.—Contract for police and fire station at Huntington Park Ave. and Schuyler St. awarded HARRY H. WEHMEYER, Philadelphia, at $104,000.

Pittsburgh, Penn.—Braddock General Hospital plans three-story addition. Estimated cost, $80,000.

Wilkes-Barre, Penn.—Plans being revised by Sturdevant & Poggi, Arch., Coal Exchange Bldg., for Masonic Lodge Building. Estimated cost, $75,000.

✚Princeton, W. Va.—Board of Education awarded contract for school at Konah and Richie St. to JAMISON & KARNS, Princeton. Estimated cost, $65,000.

Winston-Salem, N. C.—B. S. Womble plans business building on West Fourth St. near Cherry St. Estimated cost, $40,000.

Chattanooga, Tenn.—Plans being considered by Congregational Church for new building. Estimated cost, $50,000. C. H. Meyers, Pastor.

Glasgow, Ky.—According to press reports hotel will be built on Green St. Estimated cost, $50,000.

Canton, Ohio—Bids will be received about Oct. 1 for high school. Estimated cost, $700,000. N. C. Lane, Clk., Bd. of Education.

Cincinnati, Ohio—Bids will be received until Sept. 25 by Harry Hake and Charles H. Kuck, Arch., 1105 Cincinnati & Suburban Bell Telephone Bldg., for bank and office building for Provident Savings Bank & Trust Co. Estimated cost, $100,000.

✚Cleveland, Ohio—JAMES L. STEWART, Cleveland, awarded contract for addition to Hollenden Hotel, Superior and East Sixth St. Estimated cost, $200,000. Noted Aug. 26.

✚Cleveland, Ohio—Contract for school on Aetna Rd. for Congregation of Christ awarded E. CONVERSE, Massillon, at $45,000. Noted Aug. 12.

Dayton, Ohio—Preliminary plans prepared by Albert Pretzinger and Edward P. Musselman, Arch., for three-story school. Estimated cost, $150,000. C. J. Schmidt, Clk., Bd. of Education.

✚Ironton, Ohio—Contract for hotel and store building for Ironton Hotel Co. awarded to REED CONSTRUCTION CO., Charleston, W. Va. Estimated cost, $175,000.

Marion, Ohio—Bids will be received until noon, Oct. 2, by Jeanette L. Hutchinson, Clk., Bd. of Education, for high school. Marriott, Allen & Hall, Columbus, Arch.

Portsmouth, Ohio—Ritter Bates will build hotel on Gallia St. west of Gay St. Estimated cost, $250,000.

Youngstown, Ohio—Plans being prepared by Knox, Elliott, 1248 Rockefeller Bldg., Cleveland, for hotel, theater and store building for Realty Trust Co. Estimated cost, $300,000.

Zanesville, Ohio—Armco Athletic Club contemplates club house and grandstand. Estimated cost, $50,000. C. M. Bowlby, Corry St., Arch.

Columbus, Ind.—Graham & Hill, Arch., Indianapolis, retained to prepare plans for temple for St. Johns Lodge of Masons. Estimated cost, $40,000.

Indianapolis, Ind.—Preliminary plans being prepared by Rubush & Hunter, Arch., for three-story building for Masonic Scottish Rite Temple Association. Estimated cost, $200,000.

Terre Haute, Ind.—Plans being prepared by A. Hubbard, Arch., Champaign, Ill., for building for Masonic Temple Association. Estimated cost, $100,000. J. N. Hickman, 1210 Wabash Ave., Chn. Bldg. Com.

Grand Rapids, Mich.—Bids will be received by State Military Board until 9 a.m., Sept. 29, for armory for Grand Rapids Battalion. Williamson & Crow, Arch.

Chicago, Ill.—Plans prepared for dormitory for Garrett Biblical Institute. Estimated cost, $150,000.

Chicago, Ill.—Plans being prepared by J. B. Dibelka, State Arch., 128 North Fifth Ave., for five-story armory for First Cavalry, I. N. G. Estimated cost, $200,000. Holabird & Roche, 104 South Michigan Ave., Consult. Arch.

✚Galesburg, Ill.—Contract for seven-story office building at Kellogg and Main St. awarded HENRY W. HORST CO., Rock Island.

✚Eau Claire, Wis.—Contract for city hall awarded HOEPPNER & BARTLETT, Eau Claire, at $65,000. Noted Aug. 19.

✚Sheboygan, Wis.—(Official)—Contract for city hall awarded by Board of Public Works to IMMEL CONSTRUCTION CO., Fond du Lac. Estimated cost, $115,000. Noted Sept. 9.

Union Grove, Wis.—State Control Board plans home for feeble-minded. Estimated cost, $200,000.

Watertown, Wis.—Bids will be received by A. Frattinger, Chn., Bldg. Com., until 7 p.m., Oct. 11, for high school. Estimated cost, $100,000. Parkinson & Dockendorff, La Crosse, Arch.

✚Ames, Iowa—(Official)—Contract for science hall at Iowa State College awarded J. B. EVANS CONSTRUCTION CO., Mexico, Mo., at $49,280. W. H. Gemmill, Secy. Noted Sept. 2 and 9.

North Washington, Iowa—Plans being prepared by Anton Dohmen, Arch., 525 First National Bank, Milwaukee, Wis., for 48x84x150-ft. brick church for Immaculate Conception congregation.

Ottumwa, Iowa—Ottumwa Stock Co. plans to build hotel. Estimated cost, $150,000.

Sioux City, Iowa—Plans being prepared by W. L. Steel, Sioux City, and Purcell & Elmslee, Arch., 422 Auditorium Bldg., Minneapolis, Minn., for courthouse for Woodbury County. Estimated cost, $500,000.

✚Tipton, Iowa—County Commissioners awarded contract for county house to GUARANTEE CONSTRUCTION CO., Cedar Rapids, at $44,714. Noted Aug 19.

Waterloo, Iowa—BLACKHAWK CONSTRUCTION CO., Waterloo, at $50,000, awarded contract for freight depot for Waterloo, Cedar Falls & Northern R.R.

Minneapolis, Minn.—Bids being received by Buechner & Orth, Arch., 500 Shubert Bldg., St. Paul, for a theater for M. L. Cohen & Co., 239 Nicolett Ave. Estimated cost, $80,000.

Minneapolis, Minn.—Finkelstein & Rubens will build motion-picture theater . Estimated cost, $75,000.

St. Paul, Minn.—Plans prepared by Buechner & Orth, Arch., 500 Shubert Bldg., for theater hotel and store building for Herman L. Benz, 409 Jackson St.

St. Paul, Minn.—(Official)—Bids will be received about Oct. 15 for a building at Cedar and Central St. for Minnesota State Historical Society. Noted July 1.

Columbia, Mo.—T. B. Hall will build theater at Ninth and Cherry St. Estimated cost, $40,000.

Kansas City, Mo.—Plans being prepared by Carl Boller & Bro., Arch., Gayety Bldg., for business building for Altman Realty Co., 320 Altman Bldg. Estimated cost, $100,000.

✚Argenta, Ark.—Contract for Matthews Building at Second and Main St. awarded L. COLLAMORE, Little Rock, at $75,000.

Beaumont, Tex.—Plans being prepared by Cook & Co., Arch., for seven-story hotel at Pearl and Crockett St. for Likens Ogden. Estimated cost, $85,000.

Corsicana, Tex.—J. C. Joplin & Bros., Houston, at $70,858, low bidder for hospital dormitory for Texas State Orphan's Home Association. Noted Aug. 12.

Galveston, Tex.—Galveston Natatorium Co. being organized with capital stock of $175,000 to build four-story reinforced-concrete natatorium.

Lamesa, Tex.—Taxpayers of Dawson County voted to issue $43,000 bonds for new courthouse.

Waco, Tex.—Work will soon be started on new building for Texas Telephone Co. Estimated cost, $80,000.

Pueblo, Colo.—Election will be held Nov. 2 to vote for $300,000 bonds for new city hall. J. M. Jackson, City Clk.

✚Douglas, Ariz.—(Official)—Contract for two schools and addition to high school awarded to T. B. STEWART, Phoenix, at $70,500. Noted July 8.

Tucson, Ariz.—Plans are being prepared by Sidney Mashbir, Arch., for city hall. Bonds for $50,000 voted for purpose.

Seattle, Wash.—Plans being prepared by F. F. Travis, Arch., for five-story, 120x215-ft., hospital near Seattle.

✚Seattle, Wash.—Contract for seven-story hotel for Imperial Hotel Co. awarded PUGET SOUND CONSTRUCTION CO., Central Bldg., Seattle, at $135,000.

Woodburn, Ore.—Citizens voted to issue $40,000 bonds for school.

Berkeley, Calif.—(Official)—Contracts awarded for building to be known as Benjamin Ide Wheeler Hall at University of California as follows: Excavation and concrete, COLLMAN & COLLMAN, $96,913; steel, PACIFIC ROLLING MILL CO., $49,420; steel erection, CALIFORNIA CONSTRUCTION CO., $11,475. Noted July 29.

Susanville, Calif.—Board of Supervisors awarded contract for courthouse to JAMES L. McLAUGHLIN, San Francisco, at $77,797.

Visalia, Calif.—City plans to build auditorium.